



DEPARTMENT OF THE ARMY
UNITED STATES ARMY INTELLIGENCE AND SECURITY COMMAND
FREEDOM OF INFORMATION/PRIVACY OFFICE
FORT GEORGE G. MEADE, MARYLAND 20755-5995

REPLY TO
ATTENTION OF:

July 25, 2002

Freedom of Information/
Privacy Office

Mr. John Young
CRYPTOME
251 West 89th Street
Suite 6E
New York, New York 10024

Dear Mr. Young:

References:

- a. Your Freedom of Information Act (FOIA) request of March 29, 2001, for the dossier titled East German Topographic Maps, ZF010829W, which was received in this office via facsimile on March 29, 2001.
- b. Letter this office of April 20, 2001, advising you that we were unable to comply with the 20-day response time in processing your request.

We have completed a mandatory declassification review of the dossier titled East German Topographic Maps, ZF010829W, in accordance with Executive Order (EO) 12958. As a result of this review, 26 pages have been denied in their entirety and information has been sanitized from these records as the information is currently and properly classified SECRET and CONFIDENTIAL according to Sections 1.3(a)(2), 1.3(a)(3), 3.4(b)(1) and 3.4(b)(6) of EO 12958. This information is exempt from the public disclosure provisions of the FOIA pursuant to Title 5 U.S. Code 552 (b)(1). It is not possible to reasonably segregate meaningful portions of the withheld pages. Fees for processing this request are waived. A brief explanation of the applicable sections follows:

Section 1.3(a)(2) of EO12958 provides that information shall be classified SECRET if its unauthorized disclosure reasonably could be expected to cause serious damage to the national security.

Section 1.3(a)(3) of EO 12958 provides that information shall be classified CONFIDENTIAL if its unauthorized disclosure reasonably could be expected to cause damage to the national security.

Section 3.4(b)(1) of EO 12958 provides that classified information more than 25 years old is exempt from automatic declassification if it would reveal the identity of a confidential human source, or reveal information about the application of an intelligence source or methods or reveal the identity of a human intelligence source when the unauthorized disclosure of that source would clearly and demonstrably damage the national security interests of the United States.

Section 3.4(b)(6) of EO 12958 provides that classified information more than 25 years old is exempt from automatic declassification if it would reveal information that would seriously and demonstrably impair relations between the United States and a foreign government, or would seriously and demonstrably undermine ongoing diplomatic activities of the United States.

Additionally, information has been sanitized from these records which would result in an unwarranted invasion of the personal privacy rights of the individuals concerned. This information is exempt from the public disclosure provisions of the FOIA pursuant to Title 5 U.S. Code 552 (b)(7)(C).

In addition, information has been sanitized from the records and the same pages withheld under (b)(1) are also denied in their entirety as the release of the information would reveal the identity of confidential sources. This information is exempt from public disclosure pursuant to Title 5 U.S. Code 552 (b)(7)(D). The significant and legitimate governmental purpose to be served by withholding is that a viable and effective intelligence investigative capability is dependent upon protection of confidential sources.

The withholding of information by this office is a partial denial of your request. This denial is made on behalf of Major General Keith B. Alexander, the Commanding General, U.S. Army Intelligence and Security Command, who is the Initial Denial Authority for Army intelligence investigative and security records under the FOIA. You may appeal this decision to the Secretary of the Army. If you wish to file an appeal, you should forward it to this office. Your appeal must be postmarked no later than 60 calendar days from the date of this letter. After the 60-day period, the case may be considered closed; however, such closure does not preclude you from filing litigation in the courts.

During the processing of your request, records were disclosed which originated with other government agencies. This office has no authority to release these records; therefore, they have been referred, along with your request, for appropriate action under the FOIA and direct reply to you.

Lastly, we are coordinating with another government agency concerning the releasability of their information contained in the records. We will inform you as to the releasability of the information upon completion of our coordination.

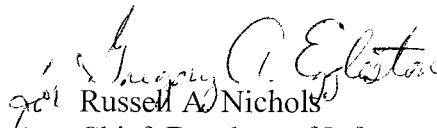
We regret the quality of some of the pages enclosed; however, these are the best copies obtainable. Additionally, duplicated pages have been identified as indicated.

We are continuing to review records regarding other titles you have requested and will respond to you by separate correspondence when our review is completed.

The enclosure completes our review of the records releasable to you. The amount of \$1600.00 for the professional review and duplication of costs of the of the first 100 pages is waived. However, a reproduction cost of \$48.00 remains due for the rest of these records. Payment should be forwarded by postal money order or certified check payable to the Treasurer of the United States.

If you have any questions regarding this action, feel free to contact Mr. Smith at (301) 677-3847. Please refer to case #797F-01.

Sincerely,


Russell A. Nichols
Chief, Freedom of Information/
Privacy Office

Enclosure



United States Department of State

Washington, D.C. 20520

DEC 19, 2002

Case Control No. 200202690

Mr. John Young
CRYPTOME, Suite 6E
251 West 89th Street
New York, NY 10024


Dear Mr. Young:

I refer to your letter dated March 29, 2001, to the US Army Intelligence and Security Command, requesting the release of a dossier entitled East German Topographic Maps, ZF010829W, under the Freedom of Information Act (Title 5 USC Section 552). One of the relevant documents retrieved in response to your request originated with the Department of State and was therefore referred to us for appropriate action.

We have determined that it may not be released. The material withheld is properly classified under Executive Order 12958 in the interest of national defense or foreign relations. As such, it is exempt from release under subsection (b)(1) of the Freedom of Information Act.

You have the right to appeal our determination within 60 days. Appeals should be addressed to the Chairman, Appeals Review Panel, c/o Appeals Officer, A/RPS/IPS/PP/IA, SA-2, Room 6001, Department of State, Washington, D.C. 20522-6001. The letter of appeal should refer to the case control number shown above. A copy of the appeals procedures is enclosed.

Sincerely,


Margaret P. Grafeld

Director

Office of IRM Programs and Services

Enclosure: As stated.

~~SECRET~~

NOTICE SPECIAL HANDLING REQUIRED

(AR 381-45)

THIS DOSSIER HAS BEEN DESIGNATED A CONTROLLED FILE BY THE
ASSISTANT CHIEF OF STAFF FOR INTELLIGENCE, DEPARTMENT OF THE ARMY.

WHEN FORWARDING TO THE INVESTIGATIVE RECORDS REPOSITORY (IRR)
THIS DOSSIER AND ALL ASSOCIATED CORRESPONDENCE WILL BE PLACED IN TWO
OPAQUE ENVELOPES AND ADDRESSED:

COMMANDER
INVESTIGATIVE RECORDS REPOSITORY
ATTN: CONTROL OFFICER
FORT MEADE, MARYLAND 20755

MARK INNER ENVELOPE: TO BE OPENED BY ADDRESSEE ONLY

NO MATERIAL WILL BE REMOVED FROM THIS DOSSIER WITHOUT THE
PRIOR APPROVAL OF THE ASSISTANT CHIEF OF STAFF FOR INTELLIGENCE,
DEPARTMENT OF THE ARMY.

DECLASSIFIED UNCLASSIFIED
ON 17 OCT 2001
BY USAINSCOM POWFA
And Para 4-102 DOD 5525.1R

VOL I OF VOL V

~~SECRET~~

NAME

EAST GERMANY TOPOGRAPHIC MAPS

THIS MUST REMAIN T O P D O C U M E N T

DOSSIER NO. ZF01 0829

As of MAR 26 1980 all material
(Date)

included in this file conforms with

DA policies currently in effect.

Myrna Taylor MAR 26 1980
(Signature) (Date Signed)
MYRNA TAYLOR G-5-05
(Printed Name) (Grade)

6USCC352 (b) (1) (7) (c)

UP AD 35
REVIEWED  DATE 22 Dec 92

THIS MUST REMAIN T O P D O C U M E N T

~~CONFIDENTIAL~~
UNITED STATES ARMY EUROPE
Office of the Assistant Chief of Staff (G-2)

30 March 60
EPT GERMANY TOPOGRAPHIC MAPS

Commanding Officer
13th Military Intelligence Group
APO 757, US Forces
ATTN: AEURO-OP

1. (U) Reference is made to report 00317, your office, dated 2 February 1960, ISN 1-16 56.

ONLY The USAREUR Engineer Intelligence Center has furnished the following evaluation on Subject maps:

a. The 82 (one sheet duplicated) photoprints of 1:25,000 scale maps have been evaluated for validity on sheet check 1-31-60.

Findings: Validity is rated as 'Probably True' (2) on a diminishing scale of 1 to 5; usability is rated as 'Contributive' (2), with only the addition of the legend, key, or specifications, required to raise this portion of evaluation to 'Outstanding' (1).

Discussion: These 82 photoprints of original multi-sheet maps add 82 additional sheets to USAEUR Map Reference Library, accession No. 8-609, AMS Type Call No. 4W-23-30.10-45000-25. One of the instant sheets duplicate original holdings of 21 similar photoprints. Original evaluation published 4 October 1959 under heading of 'Foreign Map Catalog'.

b. Estimate of proper purchase price for original 1:25,000 series is:

- (1) For continuous blocks of 24 or more: Upwards to \$50 per copy.
- (2) For one sheet of unique area and symbolization which there are no sheets or substitutes therefore: Upwards to \$100.

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ALACR-C(SC-P) 274/6 GS

SUBJECT: East German Topo Maps (U)

(3) For complete set of plus or minus 3200 original litho map sheets: Upward to \$500 per copy.

"6. Request strong representation be made for immediate procurement of gap sheets, ref. index to S-607. Instant sheets and any others which may be available are urgently needed on present project."

FOR THE ASSISTANT CHIEF OF STAFF, G2:

SEC 552 (b) (7) (C)

[REDACTED]
Colonel, GS
Chief, Collection Branch

Tel: Held Mil 8314

REGRADED UNCLASSIFIED
ON 17 OCT 2001
BY USAINSCOM FC/PA
Auth Para 4-102 DOD 5200.1R

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PRIORITY

CH, COLL & CE BR, 513 MIG, FKFT

CO, BERLIN STA, 513 MIG

Cite OPOB- _____ -60. Ref your OPC-1944-60.

1. ~~UET~~ Subject TOPO Maps. Specific monetary payment previously authorized for 2369 (Ceopfort) opn was approved by G2 and is still valid.

2. ~~UET~~ All future map acquisition opn should be submitted to this hqs with your recommendations. No specific amount should be promised to any source until such time as the physical map sheet(s) are obtained and evaluated by AMS representatives.

3. ~~UET~~ No source should have been informed that K maps are worth 2,000 dollars per sheet. This info strictly need to know for Station COs, Opns Officers and Section Chiefs concerned.

4. ~~UET~~ For your info [REDACTED] received DMW 50,000 for 90 sheets he provided, or DMW 555.00 per sheet.

M/R: Berlin Sta is in quandary re prices authorized/established for K maps. Per discussion [REDACTED] 1400 hrs 30 Mar curr, this matter will be discussed with [REDACTED] on 5 Apr during Ops Off conference. 30 Mar 60/BJD

AEUMO OPOB

[REDACTED] MAJ, TC

GROUP - 3
Downgraded at 12 year intervals
Not automatically declassified

30

3

60

[REDACTED] MAJ, INF
CHIEF, COLL & CE BR

5
~~CONFIDENTIAL~~

5 USC 552 (b) (7) (C)

4. MRZ 1960

STAFF ROUTING SLIP

DATE

4 Mar 60

REMARKS:

CHIEF

CHIEF OPS

ASST OPS

① ORANGE

① RE

② WHITE

BROWN

SUPPORT/SECURITY

B&F

MSG CNTR

OTHER

Wred on to them. I
have asked [redacted]
instead to look into
this - do not, more.

③ File temporarily
in "Brown Seltzer"
folder.
[redacted] Mar

Freedom of Information Act/Privacy Act Deleted Page(s) Information Sheet

Indicated below are one or more statements which provide a brief rational for the deletion of this page.

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Information pertains solely to another individual with no reference to you and/or the subject of your request.

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NO DUPLICATION FEE
FOR THIS PAGE

Page(s) 7-12

~~CONFIDENTIAL~~
COLLECTION AND DISSEMINATION BR (PROV)
SIXTH MILITARY INTELLIGENCE GROUP
APO 757 US FORCES

James Seltzer

ABOUM (SP) 274/3
(MI- -63)

Subject: Possible Operational Contact in CAPUTH/POTSDAM, East Germany (M)

TO: DEPUTY FOR OPERATIONS
515th M.I. Grp, APO 757
ATTN: COLLECTION AND CR DIVISION

1. Reference

Reference is made to ICM C-2-58

2. Source

Date of Information: [REDACTED]

Evaluation: F-6

5 USC 552 (b) (7) (D)
(S)(1)

[REDACTED] R-12292-C; born [REDACTED] in [REDACTED]
[REDACTED] is a [REDACTED] who worked
in this capacity with the [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

Source has no military experience, and he received his [REDACTED]
from the [REDACTED]
[REDACTED]

Source obtained knowledge on subject through personal contacts
on working place, while riding the bus together to and from work,
on during subject's occasional visits at source's home in [REDACTED]
[REDACTED]

Source defected with his family to West-BERLIN on [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

5 USC 552 (b) (7) (D)
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~~CONFIDENTIAL~~

5 USC 552 (b) (7) (C)

5 USC 552 (b) (7) (C)

Source is cooperative and intelligent, and it is believed that he answered all questions to the best of his knowledge.

Report

a. Name and address

[redacted] resident of GARTHE/POTSDAM, Potsdamer-Strasse, number unknown; subscriber of Potsdam telephone line, the number of which can be obtained from local directory.

Subject's house is a two-story family building surrounded by garden which adjoins the SE bank of lake "TEMPLINER SEE". Subject shares this dwelling with two sisters-in-law, whose names are not known to source. The garden along the NW side of street is fenced-in by a low masonry wall which has an opening as entrance to the premises. Subject's mailbox is on left-hand side of the wall. The wall is at the recessed and slightly elevated house entrance. A small mooring place for Subject's motor boat is in the rear of premises.

b. Personal Description

(1) Subject was born about 1900 in BERLIN; approximately 1.65 m tall; weight 55 kg; very slim; grey hair; high forehead; elongated face; wears horn-trimmed glasses during work; slightly bent figure; technical draftsman and commercial artist by profession; married; no children; speaks German without dialect; heavy cigarette smoker; wears frequently a forester's uniform because he worked [redacted] prior to 1957. He is a volatile character easy to contact; friendly, but talkative; likes flattering and to be respected.

Subject is a well-known dog-breeder in area of POTSDAM and BERLIN. He breeds mainly terriers, and is member of the East German "GST" Dog Breeder Organization. In 1957 or 1958, he illegally

participated in a West-Berlin Dog Contest held at the "FUNKTUM". He also seems to have some illegal contacts to airedale dogs in area of the lake HONNESEE, West Germany; no addresses and names available. During warm season, he frequently goes fishing on lake TEMPLINER-SEE. He also grows roses in his garden, and spends most of his spare time at home.

(2) [REDACTED] (ina), subject's wife, was born about 1915 in GAFUTH, and she inherited the family house occupied by subject and his sisters-in-law. She breeds airedale terriers of subject's customers, and once or twice, she travels by the elevated RR to West-BERLIN where she has a part-time job as maid; the employer's name and address not known.

c. Occupation

Subject works as technical draftsman with the VE-PROJEKTIERUNGSBETRIEB des STRASSENWESENS (Road and Bridge Engineering Office), BABELSBERG, Rudolf-Breitscheid-Strasse # 23, tel: POTSDAM 7723 & 7936, since fall 1957. He is assigned to the Norming and Planning Department, and his main function is to draw road maps. For this reason, he handles the latest 1:25,000 maps stored and filed in his office on 3rd floor of the installation building. The supervisory position of subject's "VERKEHRSPLANUNG" (Traffic Planning) Section is presently vacant, and the Department chief is one [REDACTED]. The new maps cover the entire East German territory.

Subject's regular tour of duty is from 0700 to 1530 hrs from Monday through Friday, and from 0700 to 1200 hrs on Saturdays. He makes no overtime. His monthly earning nets about 400,- DM, but he has additional income through purchase of airedale terriers. He leaves his home by bus departing from GAFUTH at about 0615 hrs.

Subject is not a SED-Party member. He had some communal administrative functions right after WW II, but was dismissed for reasons unknown to source, and he avoids any response when being remembered about this period.

Since source owned an airedale terrier, too, subject occasionally visited source's home to chat about dogs. On these occasions,

Subject is interested that he listens to Western broadcasts of RIAS and SENDBER FREIES BERLIN regularly; that subject is "fed-up" to the teeth with the Communist regime in East Germany; and subject also frequently ridiculed the East-German government when in company of trustworthy persons.

Source has even the impression that subject would defect East Germany, if a job and housing be offered to him in West Germany.

e. Potential Value

Subject has unlimited access to the 1:25,000 maps issued to his installation in summer 1959, and covering the entire East-German territory. Subject is using these maps for overlays required for preparation of road maps and blueprints of new roads, highways widening of roads and highways in areas of POTSDAM and MAGDEBURG, and for making overlays of highway bridges located in latter regions.

Subject works with two fellow-workers (names unknown) in one office, but has enough freedom to provide extra copies or to photograph respective map sheets. Subject is not checked by anyone when leaving his office daily at 1530 hrs. and on Saturdays at 1200 hrs.

Subject seems to have some contacts with West-Berlin Dog Breeder Organisation(s) not namely known to source. Subject also travels at unknown intervals to West-BERLIN. Subject's employer did not issue any restrictions for such trips in order not to disturb the working morale of employees residing near the western sectors of BERLIN.

Source recommends the following way of approach:

Subject should be contacted by telephone at his home after duty hours, and asking for appointment to obtain more details about purchase of an air-sable terrier with a good pedigree. Or, to invite subject through a West-Berlin Dog Breeder Organisation to participate

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DECLASSIFIED
17 OCT 1971
BY 1042 DPM/ML
Lab No. 1042 DPM/ML

~~CONFIDENTIAL~~

Page 1 of 1

MI-

1-60

in a coming Dog Contest to be held in West BERLIN.

Also a verbal or written request for dog trimming could be a way of approach. Special care should be taken when releasing written messages to subject who is very security conscious.

g. Destination of Source

Upon release, source is leaving for WATTENSCHEID/Hahr to start his new job as construction engineer with the [REDACTED]

[REDACTED] Source's superior. [REDACTED] Initiated transfer of source's resettlement documents from Refugee Camp HARBURG to which source and his family were assigned.

h. Cross-Reference: For separately covered technical info, refer to Map Nr. 266/26-MI-232-50, Strat Section C & D Bn.

4. Remarks

None.

FOR THE COMMANDER:

Major [REDACTED]
Ops Officer

SUSC 552 (b) (7) (C)

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20

DECLASSIFIED
ON 17 OCT 1980
BY USAINSCOM FOIPA
Auth Para 4-102 DOD 5200.1R

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Page(s) 21

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(b)(1)

5 USC 552 (b) (7) (D)

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Page(s) 22-31

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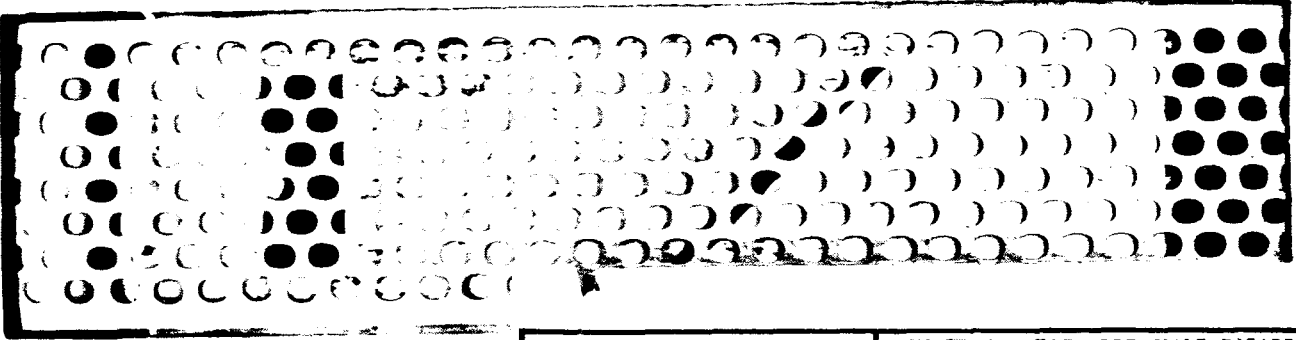
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Page(s) 32-34

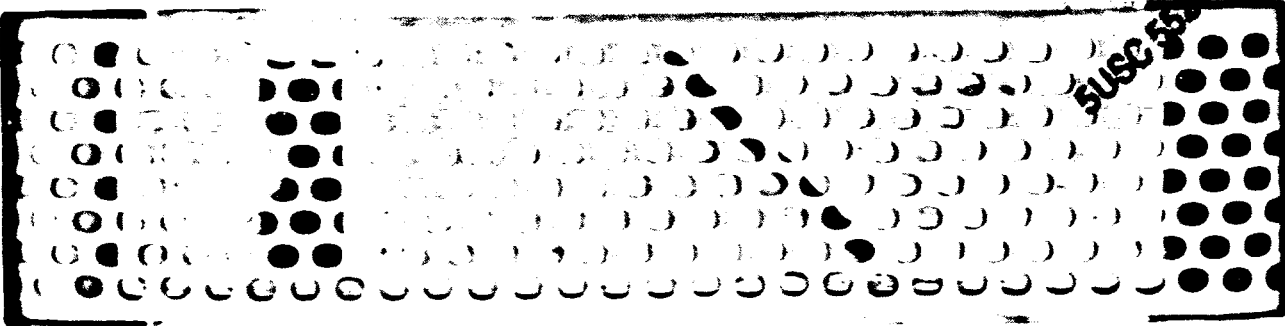


5 USC 552 (b) (7) (C)

MEMO ROUTING SLIP		NEVER USE FOR APPROVALS, DISAPPROVALS, CONCURRENCES, OR SIMILAR ACTIONS.	
1 NAME	[REDACTED]	INITIALS	CIRCULATE
ORGANIZATION AND LOCATION	[REDACTED]	DATE	COORDINATION
2 [REDACTED]	[REDACTED]	[REDACTED]	FILE
			INFORMATION
3 Orange (S+T)			NECESSARY ACTION
			NOTE AND RETURN
4			SEE ME
			SIGNATURE
REMARKS The low satellite hardware spring steel will not be forwarded as an I.R. 24 Nov			
FROM NAME OR TITLE		DATE	
ORGANIZATION AND LOCATION		TELEPHONE	

DD FORM 1 FEB 50 94 RE [REDACTED] AG 2-59-6M-69410

5 USC 552 (b) (7) (C)



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Page(s) 36-38

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5 USC 552 (b) (7) (D)

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Page(s) 39-49

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Page(s) 50

CONFIDENTIAL

TO: **SECRET 1592-77**

FROM: **ORR MAP**

Evaluated by **CONFIDENTIAL**

REPORT NO. **Self**

FIELD NO. **field**

26 JAN 1960

(I) VALUE OF THIS REPORT	ACCURACY OF CONTENT	IMPORTANCE OF RECEIVING FURTHER REPORTS ON THIS SPECIFIC SUBJECT
<input type="checkbox"/> 1. THIS A PRIORITY NEED <input type="checkbox"/> 2. OF CONSIDERABLE VALUE <input checked="" type="checkbox"/> 3. OF VALUE <input type="checkbox"/> 4. OF SLIGHT OR NO VALUE <input type="checkbox"/> 5. ALREADY SUFFICIENTLY KNOWN <input type="checkbox"/> 6. NO DATA PERMITTING ASSESSMENT	<input type="checkbox"/> 1. CONFIRMED <input checked="" type="checkbox"/> 2. PROBABLY TRUE <input type="checkbox"/> 3. POSSIBLY TRUE <input type="checkbox"/> 4. SUSPECT <input type="checkbox"/> 5. PROBABLY FALSE <input type="checkbox"/> 6. CANNOT BE JUDGED	<input type="checkbox"/> 1. OF SPECIAL IMPORTANCE <input type="checkbox"/> 2. OF CONSIDERABLE IMPORTANCE <input checked="" type="checkbox"/> 3. OF IMPORTANCE <input type="checkbox"/> 4. OF SLIGHT IMPORTANCE <input type="checkbox"/> 5. NO INTEREST; NO FURTHER DISSEMINATION DESIRED ON THIS SUBJECT

PLEASE EXPLAIN BASIS FOR YOUR EVALUATION IN SECTION III BELOW

(II) COLLECTOR'S QUESTIONS TO EVALUATOR

Evaluation of enclosed publication

КАРТОГРАФИЧЕСКИЕ ТАБЛИЦЫ КРАСОВСКИ - ЭЛЛИПСОИД, ЛИСТ 3
 Technische Hochschule Dresden, Geodatisches Institut
 Dresden, 1959.

(III) EVALUATOR'S COMMENTS (Use additional sheets as necessary)

The above publication, Part III, Cartographic Tables for the Krasovskiy Ellipsoid, is a German translation from the Russian publication "Trudy Tsentral'nogo Nauchno-Issledovatel'skogo Instituta geodezii i kartografii, vypusk 97., Moskva, Izdatel'stvo geodezicheskoy i kartograficheskoy literatury - 1953. Copies of the original Russian were received by several Washington agencies in 1953-54. These were obtained by the Department of State Geographic Attache, Bonn and the Publication Procurement Officer, Moscow from book stores.

The tables apply to the Krasovskiy Ellipsoid and the Gauss Krueger projection which are utilized on all Soviet and Bloc topographic maps. The tables have been found useful in the following instances:

a. When large scale topographic maps are collected (1:25,000 through 1:100,000) it is possible to check the rectangular grid system against the geographic coordinates and thus verify that a map has been computed on the Krasovskiy Ellipsoid. This is a particularly accurate check, since any other ellipsoid would yield different values when compared with geographic coordinates. There is a sharp difference between the "old geodetic system of 1932" (coordinate system established from Pulkovo observatory in 1932) and the Coordinate System 1942 which is the new geodetic system established at Pulkovo in 1942. The Coordinate System 1942 has been adopted as the unified geodetic system for all topographic maps in the USSR and European Satellites. The Satellites adopted the unified geodetic system at the Sofia Geodetic Conference in 1952; however, conversion of their topographic maps to this system probably was not accomplished till 1953-54. The tables definitely enable one to determine if the map sheets utilize the geodetic system of 1942.

b. The tables are useful because they are applicable to 6 degree bands extending north-south from the equator on the Gauss Krueger projection. From the tables it is possible to obtain the Gauss coordinates of the corners of maps which fit together to comprise the bands.

Similar material would be of value and should be collected; however, its value does not warrant expensive or dangerous clandestine operations.

Persons who have or use this publication probably prepare topographic maps or train geodesist or cartographers. These people probably have access to topographic maps.

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5 USC 552 (b) (7) (C)

9 NOV 59

5 USC 552 (b) (7) (D) (b)(1)

ICM-214-90-1 (b)(7)

Of Sources: [REDACTED]
 [REDACTED] Employed from [REDACTED]
 [REDACTED] Defected to West BERLIN. [REDACTED] Cooperative.
 [REDACTED] nee [REDACTED] born 1936; secondary school education and three
 years of study in [REDACTED] Employed from [REDACTED]
 [REDACTED] Defected
 [REDACTED] to West BERLIN. Married [REDACTED] November 1958. Cooperative.

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5 USC 552 (b) (7) (C)

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(u) Of Information

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1. The EGA Cartographic Service, HALLE, an agency consisting of military and civilian personnel, does the final processing and printing of all topographic maps and other classified special maps intended for the East German armed forces or government agencies. It is the only agency which prints military maps. The agency also keeps a library in which are held copies of all military maps and other types of maps.

2. Report contains the following information about the agency:

a. Details on the organizational structure, functions, work, personnel, and equipment.

b. Details on the layout of the building in which map work is done, including identification of the work done in each room. Sequence, from room to room of maps which are in process of preparation. Notes on the building which houses the map library. (Three copies of all classified maps, as well as copies of other maps, are kept in the map library.)

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- c. Details on maps which are in production, including cross-country movement maps.
- d. Notes on the use of the Krasovskiy system in preparing military maps.
- e. Changes made in April 1958 in the use of topographical symbols.

3. Source heard that the 1:25,000 series of topographic maps, which was completed at the end of 1956, is being redone because it is not satisfactory. (Other sources have previously reported that the basic data used in making the maps was not accurate.)

5 USC 552 (b) (7) (C)

5 USC 552 (b) (7) (D)
(b)(1)

Interrogator: [REDACTED]

Source Reg Nr. G-6354 [REDACTED]
X-000568 [REDACTED]

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REPORT

KLUCI Name

244707 Location

(An unidentified EGA unit (or units?) is located in buildings shown as C and D on Inclosure 2.)

3.4.1 Subordination

4(4) Mission

The EGA Cartographic Service, HALLE, receives printing orders solely from the Topographical Service (Topographischer Dienst). It does not engage in any surveying projects. It sometimes helps in the preparation of map drawings which normally would have to be made by the VVK - Verwaltung Vermessungs- und Kartenwesen (Administration of Surveying and Mapping), BERLIN.

~~SECRET~~ Building Facilities

The main building (marked A on Inclosure 2) is a two-story, clinker brick structure, 100 x 20 m in size, with a flat roof. The building houses the administrative offices and all technical shops, except the editorial offices, the map library, and the place where materials are stored.

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...two-story building (marked C on Inclosure 2), about 30 x 25 m in size of clinker brick, with a flat, tarpaper-covered roof, houses the editorial offices and the map library on its second floor. On the first floor is an EGA officers' mess.

...two-story building (marked D on Inclosure 2), of red clinker brick, with a flat roof, is being temporarily used for storing material. The ground floor of this building consists of an unknown number of garages. Two of the garages, with a total storage space of 20 x 15 x 4 m, are used for storing the material, mostly map paper. The material was formerly stored in the east wing of a caserne 125 x 20 m. The wing (marked E on Inclosure 2) has been razed. A new, three-story building is to be erected by 1961 on this site. The new building will be used by the Cartographic Department of the EGA Cartographic Service, and will also be used to store materials, (Map paper, etc.).

Organization

(Numbers in parentheses correspond to the numbers marked on rooms shown on layout sketch of Inclosure 2. Chart of the organization of the EGA Cartographic Service, as drawn by sources, is given as Inclosure 1.)

a. Administration

(1) Personnel

The Chief of the Cartographic Service (Leiter des kartographischen Dienstes) is [REDACTED]

The Political Officer is Lt Col (fnu) [REDACTED]

(2) Functions

Both officers are on the same level. [REDACTED] responsible for the overall operations of the EGA Cartographic Service, to Lt Col (fnu) [REDACTED] of the Topographic Service of the Ministry of National Defense. [REDACTED] as political officer, is responsible to the political department of the Ministry of National Defense. Both officers share the same office (47). The telephone extension is 004.

b. Labor Department (Abteilung Arbeit)

Chief is (fnu) [REDACTED] (35). He controls all labor affairs, including employment, utilization, wages, and training. He participates in conferences of the plant administration. To facilitate his job the department is subdivided into sections:

(1) Personnel Section (Kader)

Cadre chief is [REDACTED] (36). He keeps the personnel files on each employee and takes care of hiring and firing. He also supervises the training of the apprentices.

(2) Professional Training (Berufsausbildung)

Chief instructor is [REDACTED] (25). One of the two instructors is [REDACTED] (25), a geographer. The name of the other instructor is not known. There are approximately 25 apprentices, which are being trained as cartographic draftsmen. The practical training is conducted at the plant (24), while theory is taught at the Trade School (Gutjahrsschule) at Gutjahrstrasse 1 in HALLE, eight hours daily, twice a week.

c. Main Bookkeeping Department (Hauptbuchhaltung)

Chief bookkeeper is Lt. (fnu) [redacted] (29). He controls the finances, and the supplies of the plant. He participates in the weekly conferences of the plant management. He is assisted by an economic analyst (Betriebswissenschaftler) by the name of [redacted] (29). This man is the efficiency expert of the plant. He reports his findings once a month during one of the management conferences. Other assistants to the chief bookkeeper are bookkeepers (fnu) [redacted] (30), and [redacted] (30) and cashiers [redacted] (30) and Frau (fnu) [redacted] (30). Further sections under the chief bookkeeper are:

(1) Material Supply (Materialversorgung)

Supply clerk and buyer is (fnu) [redacted] (28). He acts a buyer for all materials and equipment needed by the cartographic service. In this respect it should be noted that the various sections and departments are authorized the expenditure of certain sums of money which the buyer must not exceed.

(2) Supplies Storage (Materiallager) (D)

The responsibilities of the material storage are self-explanatory.

d. Classified Section (Verschlusssachenstelle)

Chief of the classified section is Oberfeldwebel (fnu) [redacted] (43/43a). His assistants are a clerk, (fnu) [redacted] (43/43a) and a secretary-typist (fnu) [redacted] (43/43a).

The section receives and safeguards all classified materials which are being used temporarily by the installation, that is, maps, literature, and correspondence. Incoming material is registered, then submitted to the Chief of the Cartographic Service who determines the distribution to the various sections. The various section chiefs must return, to the classified section, all classified material for safeguarding at night. However, this rule applies only to material which is kept by the sections for a temporary period of time.

The classified section also handles the correspondence to the Topographic Service of the Ministry of National Defense. All correspondence from and to the Topographic Service is treated as classified. It is carried exclusively by officer courier.

e. Office of the Chief Editor (Hauptredakteur) (56)

Chief editor is 1st [redacted] (56). Assisting him in his work are [redacted] (56), cartographer; [redacted] (56), cartographer; and [redacted] a Russian civilian residing in HALLE, who acts as interpreter and translator at the Cartographic Service (See Personalities list).

The chief editor is responsible for the quality of the map production and the re-working, or the correction of maps on the basis of the orders which are received by the Cartographic Service from the Topographic Service. The chief editor participates in the weekly management conferences. His telephone extension is 6.

The editorial department is organized as follows:

(1) Office of the General Editor (Allgemeine Redaktion) (54)

Source was the former general editor. The present general editor is not known. Assisting the general editor (54) are: [redacted] (56), geographer; [redacted] (56), geographer; and [redacted] (56), cartographer.

The general editor is responsible for the preliminary work in making a map. He conducts the necessary research, collects and evaluates any required documents or scientific literature, and on the basis of the order which was received from the Topographic Service, determines what will be on the map.

After the general editor's job has been completed, the technical editor will take over the work. However, it is again the general editor, who checks the first sample of the new map, and, with the assent of the chief editor, releases the map for printing to the printing shop (15).

The general editor also supervises the archive which is handled by [redacted]

The archive (54) files and administers all types of maps and literature which are kept for permanent use, whether such material is classified or not. The archive holds three sets of all classified maps which have been printed by the Cartographic Service, and in addition it holds as many non-classified maps of any description which can be obtained through the various services or in the open market. Requests for unclassified maps are processed and filled by the supply office (28). The telephone extension of the archive is 008.

(2) Office of the Technical Editor (Technische Redaktion) (55)

The technical editor is [redacted] (55). He is assisted by another cartographic engineer, (fnu); by cartographers (fnu); [redacted] and (fnu); [redacted] and by the following 11 cartographic draftsmen: [redacted]

and Frau (fnu); [redacted]

The technical editor is responsible for carrying out the map work in the manner outlined by the general editor. The office of the technical editor prepares the basic copy for the draftsmen. The basic copy is prepared on an overlay made from an existing map, for example, a map of an older series. All necessary markings for the drafting teams are placed on the overlay. After the basic copy is completed, it is turned over to the drafting section (39, 40, and 41).

f. The Technical Chief (Technischer Leiter)

The technical chief is 1st Lt (fnu) [redacted] (5). The technical chief also acts as the deputy manager of the Cartographic Service. He participates in plant management conferences, and presides at meetings of his own technological staff. The technical chief is responsible for the entire technical part of the production. To facilitate his job the technological staff is organized as follows:

(1) Chief of Planning (Planungsleiter)

Chief of planning is (fnu) [redacted] (31). His assistant is [redacted]. The chief of planning is responsible for the efficient flow of the production. He receives the production orders usually three months ahead of actual production. During that time he has to plan the flow of production in such a manner that the

printing plant will have a workload for a continuous run of two eight-hour shifts daily. At times he participates in management conferences.

(2) Chief of Production (Produktionsleiter) (26)

(X1) A possibility exists that (fnu) [redacted] will be appointed Chief of Production. The former Chief of Production, (fnu) [redacted] was dismissed in September 1958. The job had not been filled by the [redacted] the time when source, [redacted] left East Germany. Source does not know the exact duties of the Chief of Production, except that he participates in plant management conferences.

(3) Work Layout Man (Arbeitsvorbereiter)

The planner of the operational schedule is [redacted] (26). His typist-secretary is Frau (fnu) [redacted]. The work layout man has three months in which to prepare the various operational steps in line with the flow of production. The various steps are entered on a special form (See Inclosure 10).

(4) Computation of Labor Time (Arbeitsnormung)

The computer of labor time, or normer, is [redacted] (30). He establishes the allowable labor time for each step or number of the production schedule and enters this time on a form (See Inclosure 11).

(5) Technical Control Organization (TKO - Technische Kontrollorganisation)

The Technical Control Organization, generally referred to in the plant as the Technical Control (TK - Technische Kontrolle), is headed by [redacted] (27). He is assisted by [redacted] (27), [redacted] (27), and another person (nu). The TK inspects all technical production steps, such as completed drawings, photo-reproductions, blue copies, and printing plates before actual serial printing of the map is begun. During serial printing the TK exercises continuous spot check control over the maps as they come off the presses. Spot-checked maps are initialed, packed separately, and forwarded to the Topographic Service.

(6) Laboratory (Laboratorium) (42)

Chief of the laboratory is 1st [redacted]. The name of the chemist is not known. The name of one of the two laboratory technicians is [redacted].

The laboratory is engaged in research and development of colored printing inks and photographic developers. Experiments are also conducted to find special emulsions for the plastic scribing method. The experiments make use of a Swiss patented emulsion for which the cartographic service possesses a manufacturing license. One of the research assignments on which the laboratory works in connection with the above mentioned emulsion is to find a backing for glass or film which will eliminate the necessity of a light table. Neither source knows anything more concerning these experiments.

(7) Department I - Cartography (Abteilung I - Kartographie)

Chief of Department I is [redacted] (44). The name of his secretary-typist is not known. [redacted] is responsible for all technical procedures which precede the making of the printing plates. These technical steps include drafting, photographic work, retouching, and lettering. Department I is organized into the following sections:

Chief of the printing plant (15) is a captain (nu) (15a). His assistants are (1nu) [REDACTED] and a secretary-typist (nu). The printing shop employs 36 printers and 10 helpers who work in two shifts. Subordinate to the printing shop are the following subsections, all of which work only one shift daily:

(a) Copy Section (Kopie)

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Chief of the copy section is (fnu) [redacted]. The section has several shops. Zinc copy shop (13) employs 6 persons, makes zinc printing plates. Plastic foil copy shop (12) employs eight persons, makes reversed side positives of the various map elements, on astralon sheets. The shop also makes the final multicolor proof print on astralon.

The Mounting Group (Montagegruppe) (11) employs two persons. These two persons mount and adjust the map proofs so that the zinc printing plates can be made.

(b) Plate Graining Shop (Schleiferei) (14)

Two persons are employed in this shop. They buff and scour zinc plates and plastic sheets and prepare them for reuse.

(c) Bookbinding Shop (Buchbinderei) (18)

Chief is (fnu) [redacted]. He has two helpers. The shop trims the finished maps and produces folders for maps.

(d) Shipping Room (Versand) (23)

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The chief clerk of the shipping room is (fnu) [redacted]. He has 8 persons as help. Here the finished maps are packed and the packages sealed, then shipped in a delivery truck, whose back door is barred, to the Topographical Service in STRAUSBERG. Rejects are packed separately and also shipped to the Topographical Service.

7. Mapping Projects (W)

a. Completed Projects

(1) 1:25,000 Topographic Map Series

(a) Areas Covered

New maps were produced for the entire area of East Germany, the border areas of Poland, the CSR, and the border area of West Germany. Printing of the maps was completed at the end of 1956. The entire project consumed 4-1/2 years. (Source heard that the 1:25,000 series completed at the end of 1956 were to be redone because it was not satisfactory.)

(b) Basis of Map Series

The map series was produced on the basis of the following:

1. 1:25,000 maps which were made by the Soviet army after WW II. (The map series was produced, without correction, by the EGA Cartographic Service just as they were submitted by the Soviet army.)
2. Post WW II Soviet maps which were checked and corrected in the field by the East German VD-Vermessungsdienste (Surveying Services).
3. New topographic surveys by the VD, and with the help of pre-WW II 1:25,000 plane table maps (Messtischblätter).

Inclosure 3 shows the areas divided according to the aforementioned categories.

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Auth: [redacted] 2.1R

(c) Grid and Size of Maps

The map series carries the Krasovskiy grid and coordinates, but the map corner values are printed in geographic coordinates. The size of the maps between neat lines is 7-1/2' latitude by 5' longitude. Map frame of a map is 52 x 49 centimeters. There is no legend on the margin of the map. The marginal notes are identical with those given in figure 70, between pages 152-53 of the book entitled Militaertopographie, Lehrbuch fuer Unteroffiziere, Verlag des Ministeriums fuer Nationale Verteidigung (Military Topography, Manual for Non-Commissioned Officers, published in 1957 by the Ministry of National Defense).

(d) Sheet Numbering System of Map Series

The sheet numbering system is identical with the Soviet nomenclature. No changes have occurred in recent years.

(e) Type of Map

The 1:25,000 topographic map is a polychrome map. The seven color element designations are as follows:

Black for script, numbers, symbols, grid, neat lines, and boundaries.

Brown for natural relief.

Dark blue for hydrographic contour lines.

Light blue for hydrographic filling.

Green, full tone for woody areas.

Green line halftone for brush, low trees, vineyards.

Red for main roads, 1st and 2nd class roads, Autobahnen.

Yellow for country roads up to 6 m in width.

(f) Map Symbols

Symbols are generally identical with those mentioned in appendage 5 of the publication entitled Militaertopographie, Lehrbuch fuer Unteroffiziere, published in 1957 by the Ministry of National Defense of East Germany.

For changes of certain map symbols which were introduced in the Cartographic Service in April 1958, reference is made to inclosure 4.

(g) Edition of Map Series

Sources estimated that the number of copies made of each sheet in the 1:25,000 series is not less than 3,000 copies nor more than 8,000 copies. The difference in the number of printed copies of different sheets in the series is explained by the relative importance of various areas of East Germany. Further details on this subject are not known. From initiation of the mapping program to final printing of the maps took 4-1/2 years, with the final maps being printed in late 1956.

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(2) 1:100,000 Topographic Map Series:

(a) Area covered

The new series covers all of East Germany and the West German border area.

(b) Basis of Map Series

The maps were prepared on the basis of the 1:200,000 German topographic map series, edition 1927 (Uebersichtskarte des deutschen Reichs, Ausgabe 1927). No changes were made on the new map as far as the topographic content is concerned. All drawings were made by the Cartographic Service.

(c) Grid and Size of Map

The map series carry the Gauss-Krueger grid and the Krasovskiy grid. The map corner values are given in geographic coordinates. The size of the map between neat lines is 30' latitude by 20' longitude. The map frame measures 52 x 49 centimeters. The marginal print is identical with that of the new 1:25,000 topographic map.

(d) Sheet Numbering System

The sheet numbering system is the same as that of the Soviet topographic maps.

(e) Type of map

The new 1:100,000 map is a seven color topographical map. The seven color element designations are identical with those of the 1:25,000 new topographic map series.

(f) Map Symbols

The map symbols for the 100,000 series are identical with those of the new 1:25,000 map series, except that the former are smaller in size. The changes of the symbols which were introduced in April 1958 (see Inclosure 4) were made only on a few maps which were printed between April and July 1958. Some unimportant symbols were also taken over from the obsolete maps (1927 edition).

(g) Edition of Map Series

Source estimated that 3,000 copies of each sheet were printed. It was understood at the Cartographic Service that this series constituted only a temporary, provisional issue. All work, therefore, was not performed very thoroughly, for example, no checks were made to see that features on the map actually existed. The drafting work was begun in summer 1957, and the whole project was completed by spring 1958.

b. Current Mapping Projects

(1) 1:5,000 Topographic Map Series

(a) Area Covered

Sources do not know all of the areas which are presently covered by the 1:5,000 series, but included are such industrial key areas as the Wismut uranium mining areas, the areas of SCHKOPAU, LEUNA/MERSEBURG, WOLDEN, STALIN-OT, SCHWARZE PUMPE. The coverage is continuing to include other areas.

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(For newly surveyed areas reference is made to Inclosure 3.)

(b) Basis of Maps

The maps are prepared on the basis of new surveys by the Vermessungsdienste of the VVK and also on checks and corrections of obsolete 1:5,000 topographical maps.

(c) Grid and Size of Maps

The maps carry the Krasovskiy grid. The map corner values are given in geographic coordinates. The size of each map is 1'52.5" latitude by 1'15" longitude. The size of the map frame is estimated at 65 x 60 centimeters.

(d) Sheet Numbering System

The sheet numbering system of the 1:5,000 map series is the same as the Soviet nomenclature. Following is an (arbitrary) example of the nomenclature of a 1:5,000 topographic map: N-33-61-C-d-1-IV (-dorf bei Rostock).

(e) Type of Map

The 1:5,000 series seven color topographic maps. The seven color element designations are identical with those of the aforementioned maps of 1:25,000 scale.

(f) Map Symbols

Symbols are the same as on other topographic maps previously mentioned. The size of the symbols is about the same as the size of those used on the 1:25,000 map. (For changes of certain symbols which were introduced in April 1958, reference is made to inclosure 4.) No reprints or corrections of symbols were made on maps which were printed before April 1958.

(g) Editions of Map Series

The number of copies are made according to requirements. However, sources do not know of any case, where more than 5,000 copies were made of any map sheet in the series. These maps are not printed for the EGA but for the (VVK) Administration for Surveying and Mapping. The work on the 1:5,000 series was begun in 1951. It will not be completed in the foreseeable future.

(2) 1:10,000 Topographic Map Series

(a) Area Covered 5 USC 552 (b) (7) (D)

What has so far been printed of the 1:10,000 map series covers at present the East German border along the Baltic Sea, and the border along the West German frontier. Source, [REDACTED], believes that the same work was also performed for the border areas of Poland and the CSR, but is not certain as [REDACTED] concerned only the West German border and the Baltic Sea.

(b) Basis of Maps

The 1:10,000 topographic map series is prepared only on the basis of the Soviet post WW II 1:25,000 topographical map which was checked and corrected against actual conditions by the surveying services. The topographical research by the surveying services was completed in fall 1957. About one quarter of the following drafting work was performed by the Cartographic Service to lighten

the work load of the surveying services.

(c) Grid and Size of Maps

The map carries the Krasovskiy grid. Map corner values are in geographic coordinates. The size of the map between neat lines is 3'45" latitude by 2'30" longitude. The size of the map frame is estimated at 65 x 60 centimeters.

(d) Sheet Numbering System

The sheet numbering system is the same as the Soviet map nomenclature. Following is an (arbitrary) example of how the nomenclature of a 1:10,000 map would read: M-32-24-D-a-3 (Limmendorf).

(e) Type of Maps

The 1:10,000 series are seven color topographic maps. The seven color element designations are identical with those of smaller scale maps mentioned previously.

(f) Map Symbols

Symbols are the same as on other maps mentioned previously. The size of the symbols is the same as for the 1:25,000 series. The changes of symbols which were introduced in April 1958 were incorporated in printing the 1:10,000 series. (For changes see inclosure 4.)

(g) Edition of Map Series

The number of copies which were printed of each map sheet varied between 3,000 and 4,000 copies. Sources believe that the printing of the maps, as far as the present project is concerned, should have been completed by the end of 1958.

(3) 1:50,000 Topographic Map Series

(a) Area Covered

The 1:50,000 topographic map series covers East Germany and the border areas of Poland, CSR, and West Germany.

(b) Basis of Maps

The new maps are based on the 1:50,000 topographic series produced by the Soviets after WW II. Changes have been made in accordance with what East German surveying services ascertained after 1945. (Concerning the areas which have been inspected or re-surveyed, reference is made to inclosure 3.) New maps were drawn, or will be drawn, for all areas which were re-surveyed, or where it is deemed necessary to draw new maps because of the many corrections which have to be made.

(c) Grid and Size of Maps

The map series carries the Krasovskiy grid. The map corner values are given in geographic coordinates. The size of a map between neat lines is 15' latitude by 10' longitude. The map frame measures 52 x 49 centimeters. The marginal notes are identical with those of the 1:25,000 topographic series, or other topographic maps.

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ADDITIONAL INFORMATION 10.1R

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(f) Map Symbols

The map symbols are the same as on other maps except for size.

(g) Edition of Map Series

Sources believe that an average of 5,000 copies were printed of each map sheet thus far produced. The mapping project was begun in summer 1956. Sources do not know when it will be completed.

(5) 1:1,000,000 Geographic Map Series

(a) Area Covered

The mapping project calls for the production of 1:1,000,000 for all of Europe. Maps with the titles of BERLIN, VIENNA, WARSAW, LODZ, and BUDAPEST are to be completed by mid summer 1959. (For areas to be completed and those for which preparatory work has been ordered, reference is made to inclosure 6).

(b) Basis of Maps

The new maps are transcribed from Soviet 1:1,000,000 geographic maps issued between 1949 and 1955.

(c) Grid and Size of Maps

The maps carry the geographic grid. Map corner values are also given. The size between neat lines is 4° longitude by 4° latitude. The map frame is estimated at 65 x 60 centimeters. A legend including color element designations is at the bottom side margin of each map.

(d) Sheet Numbering System

The sheet numbering system of the 1,000,000 series is the same as the Soviet system. The sheet carries the number, followed by the title in parentheses. Example: M-32 (MUNICH).

The sheet numbering system and the title of the 1:500,000 series is also shown in inclosure 6.

(e) Type of Map

The 1:1,000,000 series are nine color polychrome geographic maps. The 9 color element designations include black, gray, two shades of blue, green, red, and 3 shades of brown. The colors are used as follows:

Black for script, neat lines, town symbols, railroads, boundaries, and grid.

Gray for script and towns of secondary importance.

Light Blue for bodies of water (sea), glaciers.

Dark Blue for rivers, hydrological contour lines.

Green (half-tone) for woods, forests.

Red for roads, and also relief.

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Brown (in three densities) for relief.

For relief note the following hypsometric diagram:

No color (white) for up to 20 m above sea level.

<u>1st Brown</u>	Line halftone from 20m to 50 m. Screen halftone from 50 m to 100 m. Full tone from 100 m to 200 m.
<u>2nd Brown</u>	Line halftone from 200 m to 500 m. Screen halftone from 500 m to 1,000 m. Full tone from 1,000 m to 1,500 m.
<u>3rd Brown</u>	Line halftone from 1,500 m to 2,000 m. Screen halftone from 2,000 m to 2,500 m. Full tone from 2,500 m to 3,000 m.
<u>Red</u>	Line halftone from 3,000 m to 3,500 m. Screen halftone from 3,500 m to 4,000 m. Full tone over 4,000 m.

(f) Edition of Map Series

Sources have no knowledge of number of copies printed of each map sheet, as the production has not yet reached the printing stage. Although the map is being produced by order of the EGA, it is not classified. The map series is to be completed by mid-summer 1959.

(6) 1:2,000,000 Geographic Map Series

(a) Area Covered

The 1:2,000,000 geographic map series is to cover all of Europe. In summer 1958, preparatory work was begun on 4 1:2,000,000 maps covering the following 1:1,000,000 map areas:

1. AMSTERDAM-HOMBURG, PARIS, MUNICH
2. BERLIN-WARSZAW-VIENNA-LODZ
3. LYONS-MILANO-MARSEILLE-FLORENCE
4. TRIESTE-BUDAPEST-ROME-SOFIA

In 1959, probably at the time when printing is progressing on the four above named areas, preparatory work is to commence on maps for the remaining part of Europe. (For an outline of the various areas, reference is made to inclosure 7.)

(b) Basis of Map

The new maps will be transcripts of Soviet-produced 1:2,000,000 geographic maps. However, the tone quality of the colors on the East German map series will be superior to those on the Soviet maps. The script on the new maps will be in Latin lettering and in the spelling of the country in which the place is located, that is, Florence will be spelled FIRENCE, Rome as ROMA, Warsaw as WARSZAWA, Lisbon as LISBOA. The titles of the maps will be possibly two names as, for instance, BERLIN-WARSZAWA or HAMBURG-PARIS.

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(c) Grid and Scale of Map

The map series will carry the geographic coordinates and grid. Geographic map corner values are also given. The size between neat lines will be 12° latitude by 8° longitude. The map frame is believed to be 52 x 49 centimeters. The maps will carry a legend, including color chart, on the bottom side margin.

(d) Sheet Numbering System

Sources believe that the identification will be by the title of the map.

(e) Type of Map

The new series will be in seven colors, resembling very much the new 1:1,000,000 map series. Although the production of this 1:2,000,000 geographic map series has been ordered by the EGA, the series will not be classified.

(f) Edition of Map Series

Printing of the first part (4 maps) of the project is to be completed by mid-summer 1959. The number of copies which is to be printed is not known.

(7) Cross Country Movement (CCM) Maps

(For information on symbols and colors for planned EGA CCM Maps, see inclosure 8.)

(b)(1) 5 USC 552 (b) (7) (D)

In spring [redacted] source, [redacted] was ordered to prepare a cross country movement (Gelaendegaengigkeit) map, from a 1:200,000 topographic map. The order was received from the VVK via the Topographic Service. The order set forth the details concerning the content of the CCM map. The VVK also supplied certain data and information pertaining to the content of the CCM map. While most of the information was supplied by the latest edition of the 1:25,000 topographic map, there was also information which cannot always be found on any map. The following is the information which was to be incorporated on the CCM maps together with the source of information.

(a) Origin of Data on Road Bridges in East Germany

The data is published by the VVK under the title "Brueckenangaben der Fernverkehrsstrassen der DDR" (Bridge data on road bridges in the GDR). The data is published once in several years, exact date of issue unknown, and is classified secret. The data is printed on DIN A3 sheets (42 x 30 cm). They contain detailed information on the road bridges of all important roads down to second class roads. The data includes information on the type of bridge, the location, the length, width, and area capacity. The publication was released to the Cartographic Service on a loan basis. Other help in providing the required information on roads and bridges was provided by the "Strassenkarte der DDR" (road map of the GDR), scale 1:200,000, issued by the VVK. It is believed that the map is not classified.

(b) Origin of Data on Waterways

The data was taken from the "Wasserstrassenkarte der DDR" (waterways map of the GDR). The map, scale 1:300,000, is not classified. The publisher is possibly the Hydrological Service (Hydrologischer Dienst) in POTSDAM. The data includes the point where waterways become navigable, and the permissible loading capacities of vessels.

(c) Origin of Data on Ground Water Level

The data was taken from the "Gewässerhundliches Jahrbuch der DDR" (Hydrological Yearbook of the GDR). The yearbook is published yearly by the Hydrologischer Dienst (Hydrological Service), POTSDAM, East Germany. The data is not classified.

(d) Origin of Data on Soils

The information is taken from a treatise entitled "Die Boeden der DDR" (The soils of the GDR) by STREMMER. Appended to the treatise is a 1:200,000 map showing the various soils of East Germany. It is believed that the work has been published by the Institut fuer Bodenkunde (Institute of Soil Science), assumed to be located in DRESDEN. The treatise is not classified.

The information on sub-soils is taken from 1:200,000 and 1:25,000 geological maps. The maps are pre-WW II German maps, edition about 1938.

(e) Origin of Data on Terrain Inclinations

The information is supplied by the Topographic Service, on a hand drawn 1:200,000 morphological map, prepared on the basis of the obsolete German 1:200,000 topographical survey map.

(f) Present Status of Work

Up to the end of [REDACTED] had not heard again of the project. Source believes, however, that orders will be issued in the foreseeable future, to begin preparatory work for the production of a CCM map series.

[REDACTED] according to orders the copy was printed in subdued colors so that black appeared as gray. Of the seven colors only the elements in black, brown, green and the blue shades remained, red and yellow being filtered out. (Reference is made to inclosure 8 for the symbols which source used in the preparation of the map draft.)

Queried on the possibility that CCM maps were prepared on a 1:25,000 scale topographic map, source stated that this had never been done at the Cartographic Service, and that such endeavor would be senseless, as a new type 1:25,000 topographic map shows enough detail on terrain conditions to enable a military commander to readily judge whether a given terrain is traversable or not. Even a map of scale 1:50,000 would show sufficient detail about the terrain. The reason that it is proposed to make a CCM series at 1:200,000 is that it would make it possible to provide a commander with all information appearing on a 1:25,000 map and additional information on the terrain for an area for which he would otherwise have to use 16 maps at scale 1:50,000 (64 maps at 1:25,000).

(g) Military Maneuver Maps

Sources knowledge on military maneuver maps is very limited. Orders for such maps are received about twice a year, in spring and autumn. The editions are limited to a few hundred copies, and orders are usually filled in about ten days.

The usual procedure is as follows: A complete draft of several maps is submitted by the Topographic Service, and the Cartographic Service makes the necessary drawings and does the printing. The drafts are made on obsolete 1:100,000 topographic maps, so-called Einheitsblätter (Unit sheets). These units come in four combined maps, black and white with Gauss - Krueger grid. They were made during WW II. In the final printing the maneuver situations and the Kracovskiy grid are printed on these old maps. Symbols and explanations are entered in black, red, blue, and sepia. General lettering is entered in black. Symbols and explanations pertaining to the maneuver situation for own troops in red, for enemy troops in blue. Sources do not know what is printed in sepia.

Three types of maps on maneuver situations are made. Sources recollect that one was called "Dynamic" map, and another "Lage der Truppen" (Deployment of troops). The title of the third map is not remembered.

The maps and the work on the maps was classified "Secret". Personnel working on these projects were placed in a special room for the period of time that they were working on the project. (Source was not assigned to this work.)

8(4) Processing of Map Work Orders

(Numbers in parentheses correspond with room numbers on inclosures 2 and 9).

Below is the description of the flow of work (Inclosure 9) in connection with a typical order for the production of a topographical map on the basis of a Soviet map. It is pointed out that the flow chart applies identically to the production, revision, or correction of any map. Certain variations in the flow system, however, may occur. The following steps are involved in the making of a map:

a. Receiving of the Order and Preliminary Work Steps

(1) Step 1

The order for making any map, is received solely from the Topographical Service of the East German Ministry of National Defense. The order is directed to the Chief of the Cartographic Service (47) in HALLE. The order is received about three months before the actual production work begins. Simultaneous with the order the Topographic Service forwards 3 copies of any map which may be needed by the Cartographic Service, as well as necessary documents, or other information. However, these papers are not forwarded to the chief (47) of the Cartographic Service but to the VS-Verachlussungsstelle (Classified File Section) (43).

(2) Step 2

The chief of the Cartographic Service (47) informs the technical manager (45) concerning the details of the order.

(3) Step 3

The technical manager (45) informs the laboratory (42) of the order. The laboratory has no direct function in the production of a map, unless a specific problem is involved which would necessitate research and development by the laboratory.

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(4) Step 4

The technical manager (25) informs the chief of planning (31) who plans the overall work assignments for the departments cartography, copy, and printing shop. The work assignments are determined three months in advance.

(5) Step 5

The chief of planning (31) informs the production manager (26) and the Arbeitsvorbereiter (work layout man) (26) of the order and his work plans. The production manager and the work layout man are on an equal level. They perform their duties in collaboration with each other.

(6) Step 6

The production manager (26) informs the TKO - Technische Kontroll Organisation (Technical Control Organization) (27) concerning the work to be done. The first responsibility of the TKO is to see to it that the required astralon copies of the various elements, are readied for the drafting section (39-41). The further responsibility of the TKO consists of inspecting and controlling the quality of various production steps.

(7) Step 7

The Arbeitsvorbereiter (Work Layout Man) (26) lays out the various steps in the technical processing of the order. He writes the work order for every department and section, and he prepares a master work order of which copies are made for every department. The Normer (50) collaborates with the Work Layout man. The normer determines the allowable working hours for every production step except the time needed by the general editor. For a reconstructed sample of the master work order form which the layout man and the normer fill out, reference is made to inclosure 10. The form has several columns showing the consecutive job number, the sections, the type of jobs to be fulfilled, the allowable working time, and the actual working hours. This column must be filled out and initialed by the section chiefs. Space for initials is provided in the last column. A copy of the master work layout form is turned over to the Chief Editor (56).

(8) Step 8

The chief editor (56) prepares the Entstehungsnachweis (origination proof) (see inclosure 11). This origination proof must be prepared for any map, and is kept in the office of the chief editor for further reference after a map order has been completed. The entries in the origination proof form are made in collaboration with the general editor (56), the coordinates group (49a), the chief of planning (31), the work layout man (26), and the normer (26). For a photocopy of an origination proof, for a 1:50,000 map, reference is made to inclosure 11.)

Following is a description of each page of inclosure 11:

(a) Page 1 of the form shows the classification of the form, the number, title, and scale of the map sheet, the basic documentary material which was used in the making of the map, and the plant which did the map work, and in what year. (Note: All printing is done by the Cartographic Service, HALLE).

(b) Page 2 of the form is filled out by the coordinates group (49a). The coordinates group enters the measurements of the map image (nest lines) the geographic coordinates of the map corners, and the equivalent values of the Krasovski grid system. (Note: The entries of Krasovski coordinates are arbitrary values, entered to show the manner in which the values are written. Other information on

the Krasovskiy grid coordinates, and the work of the coordinates group, will be found in paragraph describing page 3 of Inclosure 12).

At the bottom of the page are entries pertaining to the area covered by the map sheet, the degree of difficulty of work (definition not known), and the number of geodetic points which are registered on the map sheet.

(c) Page 3 of the form shows where the coordinates group (49a) enters the Krasovskiy coordinates of the geodetic points (TPs-Triangulation points) which are to be registered on the map sheet. Columns are provided for continuous numbering, the denomination of the TP, its class, x-value, y-value, and its height above sea level.

(d) Page 4 of the form is missing, but it is assumed that it is a continuation of page 3.

(e) Page 5 of the form shows a diagram of a map grid of a 1:100,000 map. The entries on this diagram are the consecutively numbered various geodetic points (TPs) and their approximate location. The exact Krasovskiy coordinates of these TPs are recorded on pages 3-4.

The Krasovskiy Grid values are based on the (1942) Krasovskiy triaxial ellipsoid. Although the Krasovskiy coordinate values for the map neat lines are recorded in the map origination proof form (inclosure 11, pages 2-5), they are not printed on the map corners. The map corners show only the geographic coordinates of the neat lines.

Sources do not know the formula for converting the geographic grid values into the equivalent values of the Krasovskiy triaxial ellipsoid.

The coordinates group (49a) copies the Krasovskiy grid values from tables. The tables are classified secret, and are photostatic copies of tables which the Soviets compiled. They are bound in book form, each book is about 24 x 17 centimeters, and contains tables giving the geographic coordinates and the Krasovskiy equivalents for 60' latitude and 40' longitude, for a 1:200,000 map area. There are separate tables in each book for the latitude and the longitude values. The coordinates group only has access to those books which apply to the GDR territory. The coordinates tables, therefore pertain to the Krasovskiy ellipsoidal blocks M-32, M-33, N-32 and N-33. The books are kept in room 49a, where the coordinate group works, and are locked at night in a steel cabinet which is sealed. However, there is a possibility that a book could be taken out of the building for a night, and returned in the morning.

The tables show the Krasovskiy values for each geographic second. It is believed that each page carries the values for 3 geographic minutes. At the bottom of each table are small tables for interpolating the values for the decimal fractions of one geographic second, and one tenth of a geographic second. The latter table would give measurements in decimeters. Inclosure 12 represents a sample of a one page table to the best recollection of sources. The Krasovskiy equivalents which have been entered on inclosure 12 are arbitrary.

The Krasovskiy latitudinal grid values or y-values are read from a false easting of a 500 kilometer line. This line is formed by the center meridian in each 1:1,000,000 ellipsoidal block. Distances west of the center meridian are subtracted from the 500 kilometer line, while distances east of the center meridian are added to the 500 kilometer line. For visualization, reference is made to inclosure 13.

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(b) Step 2

The photo-reproduction department makes a negative of the map. The negative shows only the elements in black and all other colors are filtered out. Map and negative are then returned to the TKO.

(c) Step 3

The TKO now turns over map and negative to the retouching section (34). The task of the retouching section is to separate the various elements on the negative. They first ink out all but one color element. The negative thus treated is sent back to photo reproduction where a contact print is made of the negative resulting in a positive. The positive is transferred to the film copy section (12), where a copy of the positive is made on a sensitized (ammonium bichromate) astralon sheet. After development this astralon copy becomes a positive with reversed sides. The negative is now returned to the retouching section (34) where it is washed to remove the ink. Then the next color is worked out by inking out all the others. The negative is again sent to the photo-reproduction section (6) and a reversed side positive is made on sensitized astralon of that color. This procedure is repeated until reverse side positives on astralon sheets have been obtained of each color element. In this case, the colors are black, brown, green, and light and dark blue. After the work is completed all of the reversed side positives are sent to the TKO. The negative is washed, dried, and stored in the photo-reproduction section (6) until the printing order is completed. After that it is filed in the archive (54). The basic map from which the color separation negatives were made is also returned to the TKO (27) by the retouching section (34).

(d) Step 4

After inspection and approval, the TKO (27) transfers the astralon reverse side positives and the basic Soviet map to the drafting section (39-41) for further processing.

(3) The Drafting Section (39-41)

The drafting section is now in possession of:

- (a) Astralon copies in black, brown and blue.
- (b) One map and overlay showing the revisions and corrections.
- (c) The astralon copy (final copy) showing the lettering for the new map.
- (d) The second and third copy of the basic Soviet map.

The drafting now proceeds as follows:

1. Step 1

The drafting section makes all necessary corrections on the astralon sheets which were received from the TKO. The changes are made as the are prescribed by the technical editor. All necessary drawings, as far as possible, are performed by utilizing the new scribing method. This method is based on a Swiss patent of recent years. The East German cartographic services acquired license to use the patent and prepare the scribing emulsions themselves. Sources do not know the composition of the scribing emulsion. Basically it is an asphalt compound. For use the astralon sheet is coated with this compound.

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To work according to this method requires the use of light tables (illuminated from below). As working on a light table involves a considerable strain on the eyes, the laboratory (42) is presently engaged, so far without any promising results, in trying to produce a scribing emulsion for the astralon film which will eliminate the need for light tables.

The drafting section also outlines on map overlays, one overlay for each color, the filler colors (continuous line) light blue, red, green, orange, and (eventually) purple. The overlays are then transferred to the film copy section (12).

2. Step 2

The film copy section (12) makes copies on sensitized astralon sheets, one sheet for each of the filler colors, and sends them to the TKO (27). TKO inspects the copies and returns them to the drafting section.

3. Step 3

The drafting section makes final corrections on the astralon copies, then sends all of the eight or nine astralon copies to the TKO (27) where each of the copies are again inspected for their suitability. After approval all of the astralon copies are sent to the film copy section (12).

4. Step 4

The film copy section now makes a polychrome print on an astralon sheet. This is done as follows: An astralon sheet is sensitized with ammonium bichromate, exposed for the black element, developed, black color deposited, and washed. Then the sheet is sensitized again, exposed for the second color, developed, and the respective color deposited. This procedure is repeated for as many colors as are to be shown on the final map. The astralon sheet thus becomes the proof print of the final map, which is sent to the technical editor (55). The astralon final copies or print originals are returned to the drafting section (39-41).

5. Step 5

The technical editor (55) proofreads the astralon polychrome print. The proofread copy is then transferred to the drafting section (39-41).

6. Step 6

The drafting section makes necessary corrections on the astralon final copies. Then all of them are again submitted to the TKO.

7. Step 7

The TKO inspects the astralon final copies for their printability. Rejects are returned to the drafting section for correction. Otherwise, the astralon copies are transferred to the zinc copy shop (13).

8. Step 8

The zinc copy shop (13) makes the printing plates, then sends the finished plates to the printing shop (15).

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The printing shop can now begin with printing the edition. After the complete edition has been printed it is turned over to the Buchbinderei (book binding shop) (18).

In the bookbinding shop the printed maps are cut to size, and after the cutting has been completed the edition is turned over to the shipping department.

In the shipping department, the maps are packed and sealed in packages of 500 sheets to each package. All packages are shipped by truck to the Topographic Service in STRAUSBERG-Nord. Sources have no knowledge on the frequency of shipments. They believe that shipments take place once a week, day unknown.

(Unless specifically mentioned, all equipment is of pre-WW II origin. Numbers in parentheses correspond with those on inclosures 1, 2 and 9.)

Room 5. Darkroom equipment for dry development (ammonia) of photo-copies.

Kartografika: Room 6. One horizontal reproduction camera, model Klimsch-

One light table, 120 x 110 cm.

One steel cabinet for storing poisonous chemicals.

Room 7. Dark room with 8 water basins for washing prints.

Room 8. Storage for photo-paper, and sensitized glass, and plastic plates.

Room 9. One photostatic machine, 120 x 90 cm, with vacuum operated frame, without electric timer.

One water basin for washing prints.

Two light tables, 180 x 160 cm.

One electrically operated horizontal plate whirler, 230 cm in diameter, equipped with electric heating elements, 60-80 revolutions per minute; model not known.

One light table, 180 x 160 cm.

Three water basins for washing film plates (remove coatings).

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d. Zinc Copy Room (13)

One electrically operated horizontal plate whirler, diameter 150 cm, for sensitizing zinc plates, model not known.

One pneumatic frame used for exposing zinc plates. The overhead light source is a spot light which can be adjusted. It is also coupled with an electric exposure meter (Visomat) and an electric timer; model not known.

Three water basins for washing plates.

One plate drying cabinet, holds four plates, 1 electrically heated.

One zinc plate storage cabinet, holds 12 plates; several work benches.

e. Plate Graining shop (14)

Two shaker tables for grinding and graining zinc plates; model not known.

Four water basins.

One plate grinder; model not known.

f. Printing Shop (15)

Two DEFFA offset proofing presses, 140 x 100 cm, model D6, produced by VEB Druckma-LEIPZIG, after WW II.

Five two-color offset presses, 140 cm wide, diameter of rollers is 40 cm. At least three of these machines can handle 4 prints simultaneously; models not known.

Two single color offset presses; models not known. The machines are about 100 cm wide, diameter of rollers is 25 cm, each machine produces about 3,000 copies per hour.

Fastened to the ceiling of the printing shop is a paper transport, for moving and conditioning the map printing paper. The model, name, etc., of the machine is not known. The entire printing shop is air-conditioned at a constant temperature of 21°C, degree of humidity not known. Sources do not know, how much paper and for what length of time the printing paper is held in the transport machine.

g. Book print type setting (Buchdrucksatz) (17)

The equipment is not known.

h. Book binding shop (18)

One electrically operated paper trimmer, model unknown.

i. Shipping room (23)

The shipping room is equipped with 8 large packing tables.

j. Photo-typesetting room (Lichtsatzraum) (32)

One Holo-Typophot machine, manufactured by Ho & Mahne, believed to be located in OFFENBACH in West Germany. The machine is a very recent construction, and produces the lettering by photography. Sources do not know the details but claim that the lettering is typed as on a typewriter, and that, as the type key is

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pressed down, the image of the letter is focused and exposed on a photographic film. By adjusting the lens system various sizes of images of the lettering can be obtained. The film is then developed and fixed, and the lettering can then be mounted on the film copy (astralon). Sources state, that this Typophot machine is somehow too small for the purposes of the cartographic service and that, therefore, the lettering is mostly set by hand in room (17).

Two water basins for washing film.

k. Retouching Shop (34)

Eight light tables for working on astralon plastic film. Astralon, also known as chromophan, is a polymerized vinylchloride acetatecellulose plastic material similar to Igelit. It is non-shrinking and withstands fats, benzene, and alcohol.

l. Drafting rooms (39-41)

Room 39. Sixteen light tables for drawing maps on astralon plastic film or on drawing paper with aluminum backing for drawing new maps.

One large light table, 180 x 150 cm.

Four steel cabinets for safekeeping of work overnight.

Room 40. Twenty light tables for drawing on astralon film or paper with aluminum backing (drawing of new maps makes up for about 10% of the total work of the cartographic service, HALLE).

Two large light tables, 180 x 150 cm.

Three steel cabinets for safekeeping of work overnight.

In addition to the work done in room (39), the draftsmen in room (40) do the Schichtgravur or Folienradierung (plastic scribing) on glass coated with scribing emulsion. As tools in this work, the draftsmen employ the so-called Gravurring (plastic scribing ring) which is made by VEB Feinmess Dresden. Another tool, made by the same plant, is an engraving tripod. The cartographic service, Halle, has only two of the latter instruments, but has 13 more on order. Inclosure 14 shows the description of the instrument in the German language and 6 pictures of the instrument. With the help of this instrument it is possible to engrave symbols and numbers, which, previously, had to be stamped or mounted onto the glass plates. The instrument employs templates, and the mechanical function corresponds to one leg of a reducing divider which has a fixed pivot. The instrument can be adjusted for various scales. In figure 1, the instrument is shown as it was developed. At right the first model can be seen. On the left is the first model as it was produced in series. Figure 2 shows the instrument when not in use. In the foreground are several templates. Figure 3 is a rear view picture of the instrument. In the lower part a setting screw and the mechanism can be seen for adjusting the instrument to the desired scale.

In figure 4 the instrument is shown on its side to make the adjustment for transcribing. The left thumb presses the setting ring against the cover plate, while the right hand adjusts the lower part of the instrument. Figure 5 shows how the template is inserted. The right hand tightens the set screw. The optical system can be seen in the lower part of the picture, and contains a cross line. In adjusting the instrument is ready for the engraving when the intersection of the crossline is in line with the template symbol.

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c. In Buying Supplies

All supplies are bought or ordered under the address Nationale Volksarmee (NVA) HALLE, POB 3910. No information may be given as to the purposes for which purchases are made. All supplies are bought or ordered through the supply clerk (28).

d. In Communications (Letters, Mail, Travel)

All written communications are generally channeled through the Topographic Service, by officer courier. Courier service takes place twice a week, consists of 2 persons traveling by passenger automobile.

In certain instances the chief of the Cartographic Service is authorized to contact other cartographic services or archives directly, as long as the contact pertains to the work of the general editor. No information may be given on the purpose of the contact, that is for instance, why certain documents or maps are needed.

When on TDY travel no other information can be given to any person than on a need to know basis.

e. Within Plant

Special clearance is needed by employees to receive any documentary material from the classified section (43) or the archive (54). Clearance is extended only to key personnel, all information is given to key personnel only on a need to know basis.

All working material is locked overnight in steel cabinets. Officers lock some of the material in their desks. The steel cabinets and officer desks are sealed after working hours by an officer or cleared civilian in each of the departments. The keys are placed in a box which is also sealed. All doors are locked and sealed. Key box and door keys are turned over to the watchman at the gate. They are returned in the morning to the officer or cleared civilian of each department. Seals can be broken only by the cleared persons, or officers within each department. At least one person must be in each office at all times during working hours. Otherwise the cabinets, desks and doors must be locked.

f. Within Printing Shop (15)

All map sheets are counted before and after being printed. All rejects are counted and packed separately. Printed copies which have been inspected during printing by the TKO are also packed separately. When turned over to the shipping department, all sheets are counted again. All packages are sealed. Shipping dates are not fixed. Sources believe that shipments are made once a week. Shipment is done by closed truck. The rear door of the truck is barred, probably also sealed. The truck is accompanied by 2 officer couriers and a soldier truck driver. All are armed with pistols.

11(c) Personalities SUSC 552(b)(7)(C)

~~REDACTED~~ Major EGA, Chief of the Cartographic Service, HALLE since 1954. Resides in Rosbachstrasse, HALLE. Age 50; 1.70 m; 65 kg; normal build; dark blond hair; married, children not known. In civilian life subject was a cartographic draftsman. Very ambitious, intelligent; takes himself very serious. SED member, follows party line; formerly a member of the NSDAP. For photo of subject, see inclosure 15.

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(fnu): Lt Col EGA, Chief of Topographic Service at Ministry of National Defense, resides in BERLIN-Strausberg; housepainter in civilian life. Age 40; 1.65 m; slender; gray eyes; gray hair; sickish, worn out appearance; single; appears like a "Caesar", makes decisions of importance after first getting the opinions of his assistants. SED member, follows party line.

(fnu): Lt Col, EGA, Politofficer at Cartographic Service, HALLE, since 1958; age 45; 1.75 m; 100 kg; corpulent; blue eyes; grayish light hair; married, 1 son; ardent Communist; boisterous.

(fnu): Chief of Labor at Cartographic Service, HALLE, since 1958; age 50; 1.80 m; slender; blond hair; marital status unknown; stutters; SED member, ardent Communist.

Personnel chief (Kader) at Cartographic Service, HALLE, since 1954; age 33; 1.70 m; 85 kg; strong build; light hair; marital status unknown; SED member, follows party line, but appears to be reasonable.

Cartographer and instructor of apprentices at Cartographic Service, HALLE, since 1955; age 50; 1.79 m; 75 kg; normal build; dark hair, married; resides LEIPZIG-Markleeberg; SED member; formerly NSDAP; follows party line. For photo of subject see inclosure 17.

Geographer and assistant to instructor of apprentices at Cartographic Service, HALLE; age 24; 1.60 m; slender; light hair; married; no party affiliations; stays aloof politically; zealous; precocious.

(fnu): Lt EGA, Chief bookkeeper at Cartographic Service, HALLE, age 30; 1.70 m; 60 kg; slender; dark blond hair; married, 1 daughter; overzealous and pedantic; SED member, but also likes rock'n roll. For photo of subject see inclosure 17.

STOCKHAUSEN (fnu): Bookkeeper at Cartographic Service, HALLE, since 1958; age 60; 1.75 m; corpulent; grayish hair; married; very pleasant disposition, although he is suffering from varicose veins (open leg); no party affiliations, politically indifferent.

Bookkeeper at Cartographic Service, HALLE; age 23; 1.62 m; normal build; dark blond; engaged to be married; no party affiliations; politically indifferent.

Bookkeeper at Cartographic Service, HALLE; age 23; 1.60 m; 65 kg; strong build; light hair; marital status unknown; SED member, follows party line.

(fnu): Bookkeeper at Cartographic Service, HALLE; age 45; 1.65 m; strong build; grayish hair; married; sloppy, egotistical; likes to drink; SED member.

Economist (Betriebswirtschaftler) at Cartographic Service, HALLE; age 30; 1.78 m; normal build; partly bald; single; friendly and frank; no party affiliation; politically indifferent.

(fnu): Supply clerk & purchasing agent at Cartographic Service, HALLE; age 50; 1.70 m; corpulent; bald with few gray hairs; wears spectacles; married; always occupied; impractical; stupid; believes himself to be very important; SED member, Communist.

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[REDACTED] (fnu): M/5pt. Chief of Classified File Section, Cartographic Service, HALLE; age 28; 1.75 m; normal build; light hair; engaged to be married; untidy, boring person; appears to be always tired. SED member; politically active as far as his temperament will permit. For photo of subject see Inclosure 17.

[REDACTED] (fnu): Co-worker in Classified File Section of Cartographic Service, HALLE; age 28; 1.80 m; slender; dark blond; married; industrious, modest person; SED member, but shows little interest.

Frau [REDACTED] (fnu): Secretary-typist in Classified File Section Cartographic Service, HALLE; age 30; 1.60 m; normal build; possibly divorced; very attractive, coquettish; easy going disposition; no party affiliations; politically indifferent.

[REDACTED] 1st Lt EGA, Chief Editor, EGA Cartographic Service, HALLE, since 1956; was a mechanic in civilian life; age 38; 1.78 m; strong build; blond grayish hair; married, 2 children; bragger, ambitious, intelligent, without scruples; SED member; party secretary for plant organization. For photo of subject see inclosure 15.

[REDACTED] (fnu): Cartographer and Technical Editor at Cartographic Service, HALLE; age 50; 1.80 m; normal build; red hair; married; suffers from TB; disliked in plant; SED member, not active as he is always sick.

[REDACTED] Cartographer, deputy technical editor at Cartographic Service, HALLE, since 1954; resides in LEIPZIG-Wiederitsch; age 32; 1.68 m; normal build; blue eyes; red hair; wears spectacles; single; very intelligent; versatile; artistic talent; sober; enthusiastic about bicycle riding as sport; politically disinterested. For photo of subject see inclosure 16.

[REDACTED] Surveyor technician, deputy Chief Editor of EGA Cartographic Service, HALLE, since 1953; age 40; 1.75 m; strong build; thin blond hair; married, 1 child; honest, friendly, helpful, somewhat prudish; good mathematician; has astonishing ability to remember all birthdays and numbers; member of NDP; executive member of shop union (BGL); politically reasonable; believes in social justice, but is not a Communist.

[REDACTED] Technical draftsman, Russian interpreter at EGA Cartographic Service, HALLE, since 1956; born in RIGA; parents are Russians, but live in HALLE; age 24; 1.68 m; strong build; married, 2 children; helpful, sometimes very zealous, good hearted; likes a drink; runs after women; believes he has to defend the USSR, but is definitely not a Communist.

[REDACTED] Geographer, co-worker in office of general editor, EGA Cartographic Service, HALLE, since 1956; age 24; 1.70 m; normal build; light hair; wears glasses; single; no party affiliations; quiet, reserved.

[REDACTED] Cartographer, editor in office of general editor, EGA Cartographic Service, HALLE, since 1955; age 50; 1.79 m; strong build; dark blond hair; married, 1 child; resides in LEIPZIG-Wiederitsch; boaster; cagey; fairly intelligent; agrees with everybody; SED member, all for it in public gatherings. For photo of subject see inclosure 15, 16 and 17.

[REDACTED] Draftswoman, assistant in Archive of EGA Cartographic Service, HALLE, since 1958; age 40; 1.68 m; normal build; dark blond hair; widow, 1 child; zealous, modest; no party affiliations, politically indifferent.

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(fnu): Mechanic, assistant in Archive of EGA Cartographic Service, HALLE, since 1958; age 55; 1.75 m; slender; light hair; married; sickish, not capable of doing his job properly; untidy; political affiliations unknown.

Former professional soldier (non-commissioned officer-advanced to major in WW II). Chief of the Archive at EGA Cartographic Service, HALLE; resides at Gruener Weg in HALLE; age 50; 1.70 m; normal build; black hair; slightly crippled hand and leg (not known which one); subtle and slightly caged; candid but careful; wants to be everybody's friend; likes to play the strong irresistible, with other girls, although he married a good looking woman in 1958; likes a drink; adventure, but for the lack of money. SED member, chairman of shop union. Does not appreciate his political position, but goes along because he thinks it is the smart thing to do. For photo of subject, see inclosure 16 and 17.

Geographer, editor in office of general editor of EGA Cartographic Service, HALLE, since 1957; resides in HALLE; age 25; 1.70 m; normal build; dark blond hair; married, 1 child; very zealous, intelligent; handy; sober; trustworthy; no party affiliations; politically indifferent.

Cartographic engineer, technical editor at EGA Cartographic Service, HALLE, since 1957; resides in LEIPZIG W33; age 26; 1.79 m; slender; light hair; single; ambitious; helpful; candid; no party affiliations; good Catholic; for photo of subject see inclosure 16.

(fnu): Cartographer, assistant to technical editor at EGA Cartographic Service, HALLE, since 1958; age 55; 1.75 m; normal build; gray hair; wears glasses; married; zealous; quiet; capable; artistically inclined (painting); party affiliations unknown; does not seem to be against it.

Cartographer, assistant to technical editor at EGA Cartographic Service, HALLE; age 65; 1.75 m; 100 kg; corpulent; fairly bald; wears glasses; married; intelligent but takes it easy; egotistic; member SED, but passive.

Cartographic draftsman, in office of technical editor of EGA Cartographic Service, HALLE; age 38; 1.78 m; light hair; slender; wears glasses; married, 2 children; good fellow; SED member.

Cartographic draftsman in office of technical editor at EGA Cartographic Service, HALLE; age 24; 1.75 m; normal build; engaged to be married; quiet; zealous; intelligent; modest; no party affiliation; criticises frankly.

Cartographic draftsman in office of technical editor EGA Cartographic Service, HALLE; age 22; 1.68 m; slender; dark blond hair; single; quiet; reserved; takes it easy; no party affiliation.

Draftswoman in office of technical editor; EGA cartographic Service, HALLE; age 34; 1.62 m; normal build; dark blond hair; single; zealous, reserved; no political affiliations.

Cartographic draftsman in office of technical editor EGA Cartographic Service, HALLE, since 1958; age 21; 1.75 m; strong build; dark blond hair; single; resides in LEIPZIG; good fellow; honest; somewhat sloppy; no political affiliation; openly critical of regime.

Cartographic draftsman in office of technical editor EGA Cartographic Service, HALLE, age 28; 1.72 m; slender; dark blond hair; married; no children; intelligent, many interests; high school education; attractive appearance; husband is an engineer; no party affiliations.

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[redacted] Cartographic draftsman in office of technical editor, EGA Cartographic Service, HALLE; resides in HALLE; age 24; 1.58 m; normal build; red hair; engaged to be married; works well and fast; has another job as ballet dancer at HALLE theater; good looking; coquettish. While subject has no party affiliations, her relations have, and they are supposed to be good party members.

[redacted] (fnu): Cartographic draftsman in office of technical editor EGA Cartographic Service, HALLE, since 1958; age 22; 1.78 m; slender; dark blond hair; single; zealous, quiet, modest; no party affiliations.

[redacted] Cartographic draftsman in office of technical editor EGA Cartographic Service, HALLE; age 23; 1.63 m; normal build; light hair; single; zealous, friendly, intelligent; SED member but indifferent to politics.

[redacted] Cartographic draftsman in office of technical editor EGA Cartographic Service, HALLE; age 22; 1.63 m; slender; dark blond hair; engaged to be married; friendly, reserved; not especially capable; no party affiliations.

[redacted] Cartographic draftsman in office of technical editor, EGA Cartographic Service, HALLE, since 1958; age 22; 1.65 m; slender; light hair; single; attractive; zealous; per; coquettish; no party affiliations; politically indifferent.

[redacted] (fnu): 1st Lt EGA, Technical Chief EGA Cartographic Service, HALLE, since 1958; printer in civilian life; age 50; 1.70 m; normal build; grayish hair; single; ambitious; always busy; pompous; SED member; follows party line.

[redacted] (fnu): Chief of planning EGA Cartographic Service, HALLE; age 45; 1.75 m; normal build; practically bald; married; zealous; efficient; SED member; follows party line.

[redacted] Assistant to chief of planning EGA Cartographic Service, HALLE; age 22; 1.65 m; normal build; light hair; engaged to be married; coquettish; stupid; attractive; fresh and common; political affiliations unknown.

[redacted] Surveying technician, Work layout man EGA Cartographic Service, HALLE; age 45; 1.80 m; strong build; black hair; wears glasses; married; ambitious; ironic and arrogant; SED member; functionary in shop union. For photo of subject see inclosure 17.

[redacted] (fnu): Secretary to chief of production, EGA Cartographic Service, HALLE; age 32; 1.70 m; normal build; light hair; divorced, 1 child; friendly but also blunt; no party affiliations.

[redacted] Surveying technician, Normer, EGA Cartographic Service, HALLE; age 40; 1.62 m; slender; almost bald; married, 1 child; zealous; pedantic; collegial; LDP member; functionary in shop union, but liberal and critical of regime.

[redacted] Cartographer, chief of technical control organization (TKO) of EGA Cartographic Service, HALLE; age 38; 1.70 m; slender; thin blond hair; moustache; wears glasses; married, 2 children; resides in LEIPZIG; zealous; pedantic; ironical; SED member.

[redacted] Cartographic draftsman; works in TKO, EGA Cartographic Service, HALLE; age 21; 1.60 m; strong build; dark blond hair; single; zealous; decent colleague; no political affiliations.

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[REDACTED] 1st Lt EGA, chief of laboratory of EGA Cartographic Service, HALLE; age 50; 1.70 m; normal build; grayish hair; married, 1 child; resides in LEIPZIG; frank, helpful colleague; SED member; Socialist.

[REDACTED] Lithographer; laboratory technician, EGA Cartographic Service, HALLE; age 25; 1.70 m; normal build; dark blond hair; divorced, 1 child; prominently protruding chin; ambitious without restraint; hypocrite; conceited; no party affiliations.

[REDACTED] 1st Lt EGA, former teacher of mathematics; Chief of Department Cartography, EGA Cartographic Service, HALLE; age 33; 1.75 m; normal build; married; friendly; helpful; tricky; smart; SED member, follows party line.

[REDACTED] 1st Lt EGA, former draftsman, chief of sub-section I, EGA Cartographic Service, HALLE; age 27; 1.68 m; strong build; light hair; married 2 children; ambitious; pedantic; SED member; opportunist.

[REDACTED] Technical Editor of sub-section I, EGA Cartographic Service, HALLE; age 30; 1.80 m; normal build; dark blond hair; wears glasses; has crippled feet; tremendous skull; married, 1 child; resides in SCHKEUDITZ; good colleague; zealous; intelligent; artistic talent; well liked; no party affiliations, politically indifferent. For photo of subject see inclosure 17 and 18.

[REDACTED] (nu): 1st Lt EGA, chief of sub-section II, EGA Cartographic Service, HALLE; age 45; 1.68 m; slender; grayish hair; married; good colleague; big talker; SED member, but only nominally.

[REDACTED] Cartographer, technical editor in sub-section II, EGA Cartographic Service, HALLE; age 28; 1.65 m; slender; partly bald; weak constitution; single; resides in LEIPZIG, G1; fairly intelligent; good colleague; LDP member; socialistic idealist; of questionable trustworthiness.

[REDACTED] Captain EGA, chief of sub-section III, EGA Cartographic Service, HALLE; age 32; 1.75 m; normal build; light hair; sickish; very red face; married; zealous; ambitious; extremely pedantic; disliked; SED member.

[REDACTED] (nu): Lt EGA, chief of retouching section; EGA Cartographic Service, HALLE; age 33; 1.65 m; slender; light hair; married; takes himself very serious; SED member.

[REDACTED] Photographer, chief of Photo-reproduction department; EGA Cartographic Service, HALLE; age 36; 1.70 m; strong build; light hair; married; very capable; pedantic; outspoken; SED member, but possibly only nominally.

[REDACTED] Surveying engineer, chief of coordinates group; EGA Cartographic Service, HALLE; age 55; 1.78 m; slender; gray hair; wears glasses; married; zealous; cranky; SED member; fakes "Socialism".

[REDACTED] (a): Chief of copy section, EGA Cartographic Service, HALLE; age 50; 1.70 m; strong build; thinning light hair; married; capable; outspoken; decent colleague; SED member, but only nominally. For photo of subject see inclosure 16.

[REDACTED] (nu): Shipping clerk, EGA Cartographic Service, HALLE, since 1954; age 35; 1.75 m; normal build; black hair; married; vulgar; dumb character; SED member; ardent Communist. For photo of subject see inclosure 16.

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COMMENTS

5 USC 552 (b) (7) (D) (b)(1)

(S) Sources

a.

b.

2 (U) Remarks

a. Extracts from subject report were previously forwarded as the following reports:

MI 321-59, subject: Possible Operational Leads at Cartographic Service, East Germany (C) (U) dated 26 Mar 59

MI 349-59, subject: Processing of Map Work Orders at EGA Cartographic Service, HALLE (C) (U) dated 6 Apr 59

MI 381-59, subject: Personalities at EGA Cartographic Service in HALLE, East Germany (C) (U) dated 8 Apr 59

b. Information in subject report was obtained with assistance of 560th ETID

DISTRIBUTION BY ORIGINATOR:

None

8 Inclosures:

1. Organization Chart (U) (CONFIDENTIAL)
2. Military Sketch of Building Facilities (U) (CONFIDENTIAL)
3. Area Coverage, 1:25,000 Series, EGA Cartographic Maps (U) (CONFIDENTIAL)
4. Changes in Topographic Symbols, April 1959 (U) (CONFIDENTIAL)
5. Areas for which 1:200,000 Series Maps have been completed (U) (CONFIDENTIAL)
6. Areas to be covered by 1:1,000,000 Series (U) (CONFIDENTIAL)
7. Areas to be covered by 1:2,000,000 Series (U) (CONFIDENTIAL)
8. Symbols and Colors for Planned EGA GCM Maps (U) (CONFIDENTIAL)
9. Chart Showing Flow of Map Work Through Offices of EGA Cartographic Service (U) (CONFIDENTIAL)
10. Chart Showing Function of Each Map Work Office of the EGA Cartographic Service (U) (CONFIDENTIAL)
11. Reproduction of Map Origination Form of PERSIA (U) (CONFIDENTIAL)
12. Form Used for Krasovsky Coordinates Conversion Table (U) (CONFIDENTIAL)
13. System of Writing Krasovsky Coordinates (U) (CONFIDENTIAL)

Inclosures (Continued)

14. (Article) New Instruments for Engraving Symbols and Numbers
(C) (CONFIDENTIAL)
15. Photograph of Personalities, EGA Cartographic Service (C) (CONFIDENTIAL)
16. Photograph of Personalities, EGA Cartographic Service (C) (CONFIDENTIAL)
17. Photograph of Personalities, EGA Cartographic Service (C) (CONFIDENTIAL)
18. Photograph of Personalities, EGA Cartographic Service (C) (CONFIDENTIAL)

APPROVED:

Major [redacted] (Inf)
Chief, USAREUR IC

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Page(s)

101-104

0905 - 7 Apr

Memo For Record

~~CONFIDENTIAL~~

Subject: Telecon [redacted] to [redacted]

Ref our STH 736-59. Major [redacted] is attempting to have [redacted] fly to Berlin - weather permitting.

[redacted] will call back to confirm ETA of [redacted] in Berlin.

(Note [redacted] also stated that our Msg STH-736-59 did not contain sufficient details. Also [redacted] talked to Berlin this morn'g. (Probably w/ [redacted])

USC 552 (b) (7) (C)

0945 hr 7 Apr - [redacted] to [redacted] [redacted] inquired if [redacted] need our STH-736? [redacted] stated he had. [redacted] also stated that [redacted] called [redacted] at 0820 on 7 Apr requesting more info! [redacted] is out of order on this

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(over)

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SUSC 552 (b) (7) (C)

1000 hr 7 Apr

Telecon [redacted] to [redacted]

Mangold - Pilot and plane
depart from Hdding between
1330 - 1400 hr today.

Req reserv at Harnack for
[redacted]

Req reserv at Columbia for pilot
ETA - Blm - 1530 to 1600 hr

1002-hr - [redacted] informed.
[redacted]

SUSC 552 (b) (7) (C)

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Page(s) 107-109

May [redacted] discussed 10 Mar 59
 God Word

BROMO SELT SER

~~CONFIDENTIAL~~

In the event we
 will have access
 to maps for a
 six to eight hour
 period - we will
 give H-2 a minimum
 of 24 hr notice
 to have AMS
 expert in Berlin to
 evaluate maps

This should be
 coordinated w/ [redacted] (C) or [redacted] (C)

10 Mar 59

copy sent to Berlin 8-7-59

Not automatically declassified
 12 years after date of release

RV-CONFIDENTIAL 9

MI-21-59 - 19 Jan

[REDACTED] Aug thru
May [REDACTED] - 8314

Source 2287

0758 - Fri ~~24~~
3 Apr 59

[REDACTED] informed
[REDACTED] that "Brono Seltzer"
is in effect. (Possible 95 to 105
maps will be obtained)

[REDACTED] notified [REDACTED]

0820 - [REDACTED] is attempting
to have [REDACTED] on Berlin
train tonight - will call later
to confirm. CONFIDENTIAL

All laid on - 0910hr
3 Apr. Good Luck to Brono Seltzer!

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INTERNATIONAL MAP OF THE WORLD

In June 1952 the USSR and its Satellite countries held a secret conference in Sofia, Bulgaria, at which it was agreed to unify and standardize the separate geodetic and cartographic systems of the Satellites. The conference adopted the KRASOVSKIY ellipsoid, PULKOV Observatory datum, the Kronstadt tidal gage, a modified Gauss-Kruger grid, Russian conventional symbols, and a sheet-line system based on divisions of the International Map of the World. In addition a uniform system of map scales of 1:25,000 ~~and~~ 1:50,000, 1:100,000, 1:200,000, and 1:500,000 was initiated and 1:25,000 was adopted as the basic scale. Countries that did not have a topographic map at 1:25,000 were to expedite its production. Countries possessing maps at this scale were to revise the series. Astronomic and geodetic observations for the first-order net were to be performed by 1954 and where no work had been started, triangulation and leveling were to be completed by 1957. A target date of 1959 was set for the completion of mapping programs at all scales and was given a TOP SECRET classification.

At present this section is in the process of attempting to secure ~~XXXXXXXXXXXX~~ copies of KRASOVSKIY, 1:25,000 scale map.

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Page(s) 113

MEMO ROUTING SLIP

NEVER USE FOR APPROVALS, DISAPPROVALS,
CONCURRENCES, OR SIMILAR ACTIONS

1	[REDACTED]	DATE	1/25/50	COORDINATE
2	[REDACTED]			FILE
3	Blue			INFORMATION
4				NECESSARY ACTION
				NOTE AND RETURN
				SEE ME
				SIGNATURE

REMARKS

Too bad!

H

5 USC 552 (b) (7) (D)

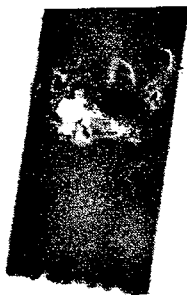
1410

FROM NAME OR TITLE	[REDACTED]	DATE	
ORGANIZATION AND LOCATION	[REDACTED]	TELEPHONE	

DD FORM 1 FEB 50 95

Replaces DA AGO Form 895, 1 Apr 48, and AFHQ Form 12, 10 Nov 47, which may be used.

AGL (1) 10-58-634-67515



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24 July 58

GB 100-1242

~~SECRET~~

WEST GERMAN MAPPING ORGANIZATIONS (U)

CONTENTS

04-03-59

- Part I - Organizational Reports
- Part II - List of West German Personalities
- Part III - List of Selected West German Academic Institutions
- Part IV - List of Selected West German Commercial Mapping and Related Organizations.
- Part V - List of Additional Personalities of Interest

GROUP - 1

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downgrading and declassification

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PART I

ORGANIZATIONS IN WEST GERMANY

(INDIVIDUAL REPORTS ATTACHED)

1. Atlantik-Verlag Paul List, Kartographisches Anstalt
2. Bundesanstalt fuer Landeskunde und Rauforschung (BLR)
3. Wilhelm Daucher Verlag
4. Deutsche Gesellschaft fuer Kartographie E.V. (Cartographic Society)
5. Deutsche Gesellschaft fuer Photogrammetrie E.V. (Photogrammetry Society)
6. Gleumes and Company
7. Institut fuer Angewandte Geodaesie (IFAQ)
8. Landesvermessungsamt (LVA)
 - a. Landesvermessungsamt Nordrhein-Westfalen
 - b. Landesvermessungsamt Baden-Wuerttemberg
 - c. Landesvermessungsamt fuer das Land Rheinland-Pfalz
 - d. Landesvermessungsamt Bayern
 - e. Landesvermessungsamt Schleswig-Holstein
 - f. Niedersaechsisches Landesvermessungsamt
 - g. Landesvermessungsamt Saarland
 - h. Landesvermessungsamt Hessen
 - i. Kataster-und Vermessungsverwaltung Bremen
 - j. Vermessungsamt Der Freien Und Hansestadt Hamburg
9. Mairs Geographischer Verlag
10. Militaergeographische Dienststelle (Mil-Geo)
11. Ravenssteins Geographische Verlagsanstalt
12. Reise-und Verkehrsverlag, Stuttgart
13. Richard Schwarz K.G.
14. Carl Zeiss, Aerotopograph GMBH
15. Carl Zeiss, Oberkochen

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GROUP 1

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ATLANTIK-VERLAG PAUL LIST, KARTOGRAPHISCHE ANSTALT

(Paul List's Atlantic Publishing House - Cartographic Office)

Address: Frankfurt/Main; Hanauer Landstrasse 263/265

I. Functions.

The Atlantik-Verlag is a commercial publisher of maps and geographic books which are intended primarily for the schools.

II. Organizational Structure and Key Personnel.

The Frankfurt office is the main office for this organization. It has branches in Munich, Hamburg, Stuttgart and Nuernberg. Dr. Paul List is the owner of the organization and its key man. He has been in the map publishing business for many years and has worked with a certain degree of success. His chief technical assistant for maps and geographic texts is [REDACTED]. The wall maps of the firm bear the Harms-Eggers' title as editors. He was associated with List and von Bressendorf as well.

III. Comments

The maps published by the Atlantik-Verlag are all very small-scale. The factors of accuracy are consequently of little importance other than for place names. The firm makes every effort, however, to keep the maps accurate by a more or less continuous revision program.

The Verlag has also been able to make "arrangements" to obtain reproducible material from a Leipzig source. The material is usually picked up in West Berlin.

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BUNDESANSTALT FUER LANDSEKUNDE UND RAUMFORSCHUNG

(Federal Agency for Regional Geography and Area Research)

Address: Bad Godesburg, Michaelhof

I. Functions.

This organization was formed in 1959 with the amalgamation of the Federal Agency for Regional Geography and the Institute for Area (physical planning) Research. The functions of the new agency are essentially the same as when the two groups worked independently. Work primarily involves physical planning research for Germany and foreign countries and advising the German government on planning problems. Specific problems involve resettlement of refugees, distribution of Federal investments and industrial location. Geographical research includes preparation of economic and administrative maps, region geographical studies and geographical documentation.

II. Organizational Structure

Institute for Area (Planning) Research

Director - [REDACTED]
Deputy - [REDACTED]

A. General Area (Planning) Research:

Chief - [REDACTED]
Deputy - [REDACTED]

B. Applied Area (Planning) Research:

Chief, - [REDACTED]
Deputy - [REDACTED]
Sub-office - [REDACTED]

Institute for Regional Geography

Director - [REDACTED]
Deputy - [REDACTED]

A. Preparation of Opinions:

Chief - [REDACTED]
Deputy - [REDACTED]

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B. Reporting on Regional Geography, Literature and Maps:

Chief - [REDACTED]

Deputy - [REDACTED]

C. Regional Description; Research on Regional Geography:

Chief - [REDACTED]

Deputy - [REDACTED]

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III. Key Personnel

[REDACTED] - Taught economics at Leipzig before the war. Nothing is known of his position during the war.

[REDACTED] - Chief, General Area (Planning) Research. He is the only geographer in the Institute for Area (Planning) Research. He was trained in Austria and is a specialist in agricultural geography.

[REDACTED] Director for Institute for Regional Geography. [REDACTED] is the key man as well as one of the most influential government geographers in Germany. [REDACTED] was born [REDACTED] at Cologne. From 1929 to 1933 he was a Fellow of the Rockefeller Foundation where he carried out geographical research on Pennsylvania. He was a university professor prior to World War II. He is author and editor of numerous articles and books on regional geography. Although friendly in most cases, it requires a certain degree of continuous contact to establish a personal relationship. He is a very hard worker and works his staff equally hard. [REDACTED] spent some time in the U.S. in the early 1930's and, therefore, speaks English but he is not completely fluent and will use German if possible.

[REDACTED] Born [REDACTED] Was in the Federal Agency for Regional Geography in 1949. He may be the [REDACTED] who was in the Russian Section in Mil-Geo.

[REDACTED] Heads working group no. III. (above). [REDACTED] is extremely friendly, agreeable, and courteous. He is very capable and his knowledge of all components of the Institute makes him a most useful contact. Given a request he will spare no effort to fulfill it.

[REDACTED] attended the Polish Conference on Economic Regions in Warsaw (1959).

[REDACTED] Born [REDACTED] Geographer. He joined the Federal Agency for Regional Geography in 1951. He was in Mil-Geo from 1942 where he worked in Poland and Rumania.

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[REDACTED] - Born [REDACTED] - Geographer,
Meteorologist, Climatologist; PW in Russia until 1947; considered to
be one of the foremost German authorities on the Geography of the
USSR; member of Johann-Gottfried-Herder Institute; currently lecturing
at Cologne University.

3

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WILHELM DAUCHER PUBLISHING HOUSE

Address: [REDACTED]

I. Functions.

The firm is a commercial producer of city plans and regional maps for schools and for hiking or tourist purposes. It is only a publisher, having no drafting or printing facilities.

II. Organizational Structure and Key Personnel.

The Wilhelm Daucher Verlag was formed in 1946. Previously [REDACTED] had worked for 15 years for Reise- und Verkehrsverlag, Stuttgart. As the owner of the firm, and its only real member, all decisions as to which maps are to be made and which sources are to be utilized are made by [REDACTED] himself. His work with Reise- und Verkehrsverlag has given him a good background in the map publishing business. The actual drafting of the maps, however, is done in Munich by Hans Fleischmann whose name appears on all maps as cartographer.

[REDACTED] is very active in German cartographic circles. He attends all meetings to improve the accuracy and quality of his production. His wife is a former member of the Reichsamt fuer Landesaufnahme (National Survey Office) and she is a source of helpful contacts for the firm.

III. Comments.

None.

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DUETSCHGE GESELLSCHAFT FUER KARTOGRAPHIE E.V.

(GERMAN CARTOGRAPHIC SOCIETY)

Address: c/o [REDACTED]

I. Function.

A professional society devoted to the advancement of the science of cartography. It represents West Germany in the International Society of Photogrammetry.

II. Organization and Key Personnel.

It is not known whether the Society has a permanent address and staff, or if the address and officers change with annual elections. The information provided below is dated 1958-1959.

President - [REDACTED]

5USC 552 (b) (7) (C)

[REDACTED] position in the Society unknown, but appears to be an officer.

Regional Groups:

1. Landesverein Berlin - [REDACTED]
Berlin Charlottenberg 9, Eschenallee 24a.
2. Orstverein Bielefeld - [REDACTED]
(Westf.) Neuenkirchner Str. 10.
3. Orstverein Braunschweig. [REDACTED]
Braunschweig, Georg-Westermann-Allee 29.
4. Orstverein Hamburg - [REDACTED]
Hamburg Blankenese, Schenfelder Landestr. 1.
5. Orstverein Hannover - [REDACTED]
Stolze Str. 14.
6. Landesverein Hessen - [REDACTED]
7. Orstverein Karlsruhe - [REDACTED]
Baisch Str. 2, Karlsruhe
8. Landesverein Mittelrhein [REDACTED]
'Rh Kaupstr. 13 a.
9. Orstverein Munchen - [REDACTED] Munchen-Solln,
Grunbaurest 20
10. Landesverein Rhein-Rhur - [REDACTED] Wuppertal-
Barmen, Untere Lichtenplatzer Str 61.
11. Orstverein Stuttgart - [REDACTED] Stuttgart-
Feuerbach, Weindlindorfer Str 4
12. Bezirksverband Sudbaden [REDACTED]
Freiburg, Hermann-Bender Str. 4

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III. Comments - Both [REDACTED] and [REDACTED] are active in the International Society of Cartography, which is presently considering the inclusion of Soviet Bloc cartographic representation.

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DEUTSCHE GESELLSCHAFT FÜR PHOTOGRAMMETRIE E.V.

(GERMAN PHOTOGRAMMETRY SOCIETY)

Address: c/o Prof. [REDACTED] Institute of Photogrammetry, Technical
College, Arminstrasse 21, Munich 2
Berlin Landesgruppe-Prof. [REDACTED] Berlin-Charlottenburg
2, Hardenbergstr. 34.

I. Function.

A professional society devoted to the advancement of science,
the dissemination of knowledge and techniques, and representation of Germany in
the International Society of Photogrammetry. The Society has a membership
of over 900 persons, probably including all of the significant persons in
the field.

II. Organization.

In 1959 the Society was headquartered at the above address. It is
not known whether this is a permanent address with a staff, or if the executive
office changes with yearly relocations. A Regional Group (Landesgruppe) is
located in Berlin at the address given above.

III. Personnel - (1959)

President - [REDACTED] Professor at the Geodetic Institute
of the Technical College, Aachen.

President-Berlin Landesgruppe - [REDACTED]

IV. Comments.

While little information can be provided on the German Photogrammetry
Society at this time, it is an important organization with excellent potential
for assisting in acquisition of mapping information. Photogrammetric mapping
in Germany is of high repute and many of the German photogrammetrists are
internationally known. The Society is well represented at international
meetings.

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2. *De la détermination des termes*.

2. Regulation of Growth and the Control

[illegible][illegible]

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INSTITUT FOR ANGEWANDTE GEODAESIE
(Institute for Applied Geodesy)

Address - Forsthausstrasse 151, Frankfurt am Main

I. Function.

The Institute for Applied Geodesy is responsible for the preparation and revision of official West German map series at scale 1:200,000 and smaller and maintenance of West German map series covering areas outside of Germany. In addition, it engages in applied geodesy and photogrammetric research. The Institute has worked closely with the U.S. Army Map Service in making geodetic computations and adjustments for connecting the various European triangulation nets.

II. Organizational Structure.

Director - Dr. Ing. E.H. Gigas
Permanent Deputy - [REDACTED]

Administration Department:

Chief - Reg. Ass. - [REDACTED]
Chief, Payroll - [REDACTED]
Organization/Internal Service - [REDACTED]

III. Key Personnel.

Dr. E.H. Gigas - Born June 3, 1899 in Bad Wartenbrunn, Silesia. He graduated from the Berlin Institute of Technology with a degree in Civil Engineering in 1923 and obtained a degree in surveying in 1927. He is one of Germany's foremost men in the field of applied geodesy. He has participated in many international cartographic meetings and is prominent in the International Cartographic Association.

[REDACTED] is Chief Cartographer. He was a prisoner in USSR during war. He travels in Satellites and East Germany on a personal basis.

[REDACTED] Chief Geographer in the organization and head of the Special Map Section. He speaks English fluently.

[REDACTED] - Formerly headed the Geodetic Instrument Section. He left for the East Zone in 1958. His departure was reported to be a source of great worry to Gigas.

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 - Position unknown. speaks excellent English. He was in Topo unit in German Army when he was captured and became a prisoner in the USSR. Handles Russian well and knows a lot about Russian maps. He travels in the Satellites and East Germany on personal basis.

IV. Comments.

The Institute has the responsibility for mapping of foreign areas and is planning to initiate a series covering East Germany at Scale 1:50,000 when other current programs are finished.

The Institute bid for a contract for a cadastral survey of Syria. This project, if undertaken, will cost Syria 150,000,000 DM and will take ten years to complete. It will mainly involve the training and supervision of Syrian personnel.

Among projects under way in the Photogrammetry Department is a series of maps being made from aerial photos covering part of Yemen.

The Institute participates in all primary scientific conferences on a national or international level which deals with geodesy and cartography. It is known that a large translation program is carried on, both from Western and Slavic publications. East German Sources are used to procure necessary materials in East Germany.

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LANDSVERMESSUNGSAMT (LVA)

(Land Survey Offices)

Topographic mapping of West Germany at scales 1:100,000 and larger is a function of the Landesvermessungsamt (Land Survey Offices). Mapping at smaller scales is the responsibility of the centralized Institute for Applied Geodesy. In addition to large scale topographic mapping, the Land Survey Offices are responsible for establishing geodetic control networks in their districts. The Land Survey Offices are as follows:

1. Landesvermessungsamt - Nordrhein-Westfalen
2. " " Baden-Wuerttemberg
3. " " Rheinland-Pfalz
4. " " Bayern
5. " " Schleswig-Holstein
6. " " Niedersaechsisches
7. " " Saarland
8. " " Hessen
9. Kataster und Vermessungsverwaltung Bremen
10. Vermessungsamt der Freien und Hansestadt Hamburg

The responsibility for standardization and coordination of the Land Survey Offices activities is carried by a Committee composed of representatives of the various LVA's. This committee, known as the Arbeitsgemeinschaft der Vermessungsverwaltungen (Working Committee for Survey Administration), is chaired presently by [REDACTED] who is the Director of LVA-Nordrhein-Westfalen.

Organization reports on individual LVA's are attached.

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LANDESMESSENGERAMT NORDRHEIN-WESTFALEN

Address: Karl-Finkelburg-Strasse 19 - Bad Godesberg

The LVA is supervised at the Ministerial level by Group D (Cadastral and Survey Work) of Department I (Organization and Administration) of the Ministry of Interior in Duesseldorf. The head of this Group is [REDACTED] who also handles specific details connected with cadastral work. A Regional Director, [REDACTED] is responsible for the surveying functions as performed by the LVA. The LVA works under the general supervision of [REDACTED] and [REDACTED] with respect to policies, funds, and personnel but actual operations are separate.

I. Organizational Structure.

Chief - Dipl.-Ing. [REDACTED]
Administration - [REDACTED]
Trigonometry - ORuVmr [REDACTED]
Topography - Photogrammetry [REDACTED] RVmr
Cartography - Dipl.-Ing. [REDACTED]
Sales Office - ROI [REDACTED]

Branch Office (Muenster)

Chief - ORuVmr [REDACTED]
Trigonometry - RuVR [REDACTED]
Topography - RuVR [REDACTED]
Cartography - RuVR [REDACTED]

II. Key Personnel.

[REDACTED] Primarily a cadastral expert but at the present time is Chairman of the Working Committee for Survey Administration and thus occupies a very important place in West German cartography.

[REDACTED] - A very forceful individual and has been openly critical in the past of U.S. cartographic methods and products, especially with regard to the symbolization of the new military series at 1:250,000. This attitude has been somewhat modified in the past few years. In the evenings, he teaches cartography at Bonn University.

ORuVmr [REDACTED] Primarily a technical man.

III. Comments.

None.

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LANDESVERMESSUNGSAMT BADEN-WUERTTEMBERG

Address: Stuttgart. Buechenstrasse 54, Stuttgart N.

The LVA is supervised at the Ministerial level by President [REDACTED] of Department XII (Vermessungswesen) of the Ministry of Interior. As [REDACTED] is also President of this LVA, he directs both policy and operational activities.

I. Organizational Structure.

President - [REDACTED]
Deputy - Reg. Director - [REDACTED]
Cadastral Section - ORVR [REDACTED]
Geodetic Section - ORVR [REDACTED]
Topographic Section - ORVR [REDACTED]
Cartographic Section - ORVR [REDACTED]

Branch Office - (Karlsruhe)
Chief - ORVR [REDACTED]
Deputy - ORVR [REDACTED]

Regional Offices of the "Reierungsbezirke" with the principal surveying officers:

Stuttgart - ORVR [REDACTED]
Karlsruhe - ORVR [REDACTED]
Freiburg/Br. - ORVR [REDACTED]
Tuebingen - ORVR [REDACTED]

II. Key Personnel.

[REDACTED] - Formerly with the Tax Administration and is acquainted with cadastral work. Weak on surveying and mapping.

[REDACTED] - Worked until 1945 in the Topographic Section of the LVA in Stuttgart.

[REDACTED] - Worked for the RFL in Berlin and later in the French Occupation Zone; he has written a book on cartography, designed a method of typesetting, and served as a German representative at the UN Regional Cartographic Conference in Tokyo.

III. Comments.

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LANDESVERMESSUNGSAMT FUER DAS LAND RHEINLAND-PFALZ

Address: Koblenz. The Administration and part of the Cartography Section are located in the "Rochhaus"; most other sections are at Casino Strasse 38. Reproduction is at Simmernerstrasse 13A.

This LVA has close relations with the "Mil Geo Dienststelle" of the Ministry of Defense. Supervision is exercised by Regierungsdirektor [REDACTED] of Department 5 of the Ministry of Interior.

I. Organizational Structure

Chief - [REDACTED] ORVR
Deputy - ORVR [REDACTED]
Trig. Department - RuVR [REDACTED]
Topo Department - RVR [REDACTED]
Cartography Department - ORVR [REDACTED]

II. Key Personnel

Regierungsdirektor [REDACTED] Has worked in the LVA at Cologne. [REDACTED] A specialist in cadastral matters, both academic and practical. He was formerly employed in oil exploration in Lower Saxony. ORVR [REDACTED] - During the early period of the war, he served on the German-Soviet border commission that delimited the Russo-German frontier in Poland.

III. Comments.

None.

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LANDESVERMESSUNGSAMT BAYERN (BAYERISCHES)

Address: Muenchen 22, Alexandrastrasse 4.

Supervision is exercised by Regierungsdirektor [REDACTED] of Section 6 (Vermessung) of Department I of the Ministry of Finance. His deputy is ORVR [REDACTED]

I. Organizational Structure

President [REDACTED]
Deputy - [REDACTED]

A. Administration: position pending

1. General Administration - position pending
2. Special Tasks - RVR [REDACTED]

B. Technical Surveying - Reg. Dir [REDACTED]

1. Triangulation - ORVR [REDACTED]
2. Leveling - ORVR [REDACTED]
3. Topography, photogrammetry - ORVR [REDACTED]

C. Cartography - ORVR [REDACTED]

1. Cadastral maps - ORVR [REDACTED]
2. Topographic maps - ORVR [REDACTED]

D. Cadaster - Reg. [REDACTED]

1. Cadaster - ORVR [REDACTED]
2. Chief of cadastral technical design - position vacant
3. Soil taxation, property cadaster, and statistics - ORVR [REDACTED]

E. Regional Offices with principal surveying officers.

1. Oberbayern (Muenchen) - [REDACTED]
2. Niederbayern & Oberpfalz (Landshut) - [REDACTED]
3. Schwaben (Augsburg) - ORVR [REDACTED]
4. Ober-und Mittelfranken (Augsbach) - [REDACTED]
5. Unterfranken (Wuerzburg) - [REDACTED]

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II. Key Personnel

Hans Veit - Has been in the Bavarian Survey Service since his graduation from college. He became Chief of the Agency in Feb. 1951. He is held in high regard in his profession. He is a very short man, about 5'5" tall, and is 60 years old. His attitude is very friendly and he impresses one with his alertness and administrative ability.

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LANDESVERMESSUNGSAMT SCHLESWIG-HOLSTEIN

Address: Kiel-Wik, Mecklenburger Strasse 12-16

The direction for cadastral and land surveying rests with the Kataster und Vermessungsverwaltung (Cadastral and Surveying Administration) Within the Ministry of the Interior. Regierungsrat [REDACTED] is the director.

I. Organizational Structure

Chief - [REDACTED]
Deputy - [REDACTED]

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- A. Central Section - ORuVR [REDACTED]
- B. Trigonometric Section - RuVR [REDACTED]
- C. Topographic Section - ORuVR [REDACTED]
- D. Cartographic Section-- RuVR [REDACTED]
- E. 19 Cadastral Offices are under the authority of the Land Survey Office and the Administration:

CADASTRAL OFFICE

CHIEF

ASSISTANT

Eckernfoerde
Eutin
Flensburg
Heide
Husum
Itzehoe
Kiel
Luebeck
Meldorf
Neumuenster
Niebuell
Oldenburg
Bad Oldesloe
Pinneberg
Ploen
Ratzeburg
Rendsburg
Schleswig
Bad Segeberg

[REDACTED]

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[REDACTED]

II. Key Personnel.

No information available.

III. Comments.

None.

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NIEDERSAECHSISCHES LANDESMESSEAMT

Address: Hannover. Heinrichstrasse 11.

I. Organization

The Niedersaechsisches Landesvermessungsamt is subordinated to the Ministry of the Interior of Lower Saxony. The chief of the Ministry's Section II/7 is, at the same time, chief of the Landesvermessungsamt.

Chief - Regierungsdirektor [REDACTED]

Assistant - ORuVR [REDACTED]

Assistant - ORuVR [REDACTED]

A. Surveying and Cadastral Administration - Offices

1. Aurich - ORuVR [REDACTED]
2. Hannover - ORuVR [REDACTED]
3. Hildesheim - ORuVR [REDACTED]
4. Lueneburg - ORuVR [REDACTED]
5. Osnabrueck - ORuVR [REDACTED]
6. Stade - ORuVR [REDACTED]
7. Braunschweig - ORuVR [REDACTED]
8. Oldenburg - ORuVR [REDACTED]

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B. The Niedersaechsisches Landesvermessungsamt

Chief - Regierungsdirektor [REDACTED]

Deputy - ORuVR [REDACTED]

1. Management - ORuVR [REDACTED]
2. Trigonometry - ORuVR [REDACTED]
3. Topography - ORuVR [REDACTED]
4. Cartography - ORuVR [REDACTED]
5. New Survey - ORuVR [REDACTED]

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II. Key Personnel

[REDACTED] - Born [REDACTED] A cartographer by profession, [REDACTED] has spent many years in the official surveying service. During the war he was the deputy in the Cartographic Section of the Reichsamt fuer Landesaufnahme. He also served later with the Cartographic Service of the German Army. [REDACTED] joined the Lower Saxon service in the early post-war period. An emphatic supporter of a centralized service, he could be considered to be the most outspoken critic of the present system among

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the LVA officials. He favors a greater degree of Federal control in order to bring about a standardization of sheet lines and symbols, but like most German surveyors, however, [REDACTED] does not advocate a return to the "Reichsamt fuer Landesaufnahme" type of strict control.

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LANDESMESSENGERSAMT SAARLAND

Address: Saarbrücken. Main office of the LVA - Scheidterstrasse 114.

I. Organizational Structure.

The office operates under the supervision of Department E - Cadastral and Surveying Work of the Ministry for Finances and Forests. Reg. [REDACTED] who supervised the LVA for the Ministry, has been Chief of mapping activities in the Saar since it was a branch of the Rfl. He also supervises the 13 separate cadastral offices.

II. Key Personnel.

Chief [REDACTED] formerly worked in the Main Surveying Department for Hesse (Saar Branch) during the war.

[REDACTED] Chief of Cartography

[REDACTED] Chief of the Topography Section

III. Comments.

The LVA of the Saar is the poorest of all such offices in West Germany. This is undoubtedly due to the lack of a strong independent tradition of mapping work and its close ties to France during the occupation and post-occupation period. The aid given by the French has been substantial but mostly in the form of services rendered.

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LANDESVERMESSUNGSAMT KESSEL

Address: Wiesbaden. Niederbergstrasse 39.

I. Organizational Structure.

The LVA works under the supervision of the Minister of Finance, [REDACTED] and his three subordinates:

1. General Affairs and Service Regulations - RVmR [REDACTED]
2. Surveying - RVmR [REDACTED]
3. Cadastral work - Reg. [REDACTED]

The LVA itself works under the supervision of the above personnel, but actual operations are carried out by the regular staff:

Chief - Direktor [REDACTED]
Permanent Deputy - QVvNR [REDACTED]

Section for Research and Training - RVmR [REDACTED]

Sub-Department for Personnel etc. - RVmR [REDACTED]

General Affairs - RVmR [REDACTED]

Personnel Affairs - [REDACTED]

Payroll Affairs - [REDACTED]

Department of Cadastral Survey - [REDACTED]

Cadastral Reorganization - QVvNR [REDACTED]

Cadastral Supervision - RVmR [REDACTED]

Department of Land and Survey - QVvNR [REDACTED]

General Affairs - QVvNR [REDACTED]

Triangulation and Levelling - QVvNR [REDACTED]

Topography and Air Survey - RVmR [REDACTED]

Cartography, Reproduction and Printing [REDACTED]

Branch Office (Kassel) - RVmR [REDACTED]

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II. Key Personnel.

QVvNR [REDACTED] - Appears to be the key technical person in the agency. [REDACTED] was associated with mapping work for the Reichsamt fuer Landesaufnahme in Bohemia-Moravia during the war.

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KATASTER-und VERMESSUNGSVERWALTUNG BREMEN

Address: Bremen, Buerenstrasse 19 (Eingag 11)

I. Organizational Structure

The Cadastral and Survey Administration is subordinate to the Office of the Senator for Finance.

Chief - [REDACTED]
Official Surveying - [REDACTED]
Communal Surveying - [REDACTED]
Real Estate and Taxation - [REDACTED]

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II. Key Personnel

No information available.

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VERMESSUNGSAMT DER FREIEN UND HANSESTADT HAMBURG

Address: Hamburg 11, Steckelboern 12 (Gotehhof)

I. Organizational Structure.

Chief - [REDACTED]
Deputy - [REDACTED]
Management and Administration - Unknown
Land Survey - OVR [REDACTED]
Printing and Reproduction Photography - Techn. [REDACTED]
Land Reform Commission - [REDACTED]

II. Key Personnel - No information available.

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MAIRS GEOGRAPHISCHER VERLAG

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(MAIR'S GEOGRAPHIC PUBLISHING HOUSE)

Address: Stuttgart - Spittlerstrasse 8

I. Functions.

There are four other companies united with Mairs Verlag: the Baedeker's Auto Guide Publishing House, the Shell Touring Service, Hallwag Publishing House and Graphopress. The first are commercial publishers of maps and automobile touring guides of Germany. The Graphopress is a printer for Mairs and recently for other private and official organizations. The Mairs Verlag also makes city plans for the U.S. Army.

II. Organizational Structure.

It is rather difficult to generalize on the internal organizations of the five companies involved. Mairs leads them all. The same cartographic office (Kartographisches Bureau) serves the Mairs Geographischer Verlag, the Neudrucker, Autofuhrer-Verlag and the Shell-Reisebüro. The Hallwag Verlag (Stuttgart) utilizes the same distribution personnel as the other three.

The cartographic bureau is divided informally into drafting, placement and technical sections.

III. Key Personnel.

~~REDACTED~~ - Owner, founder and present director for all companies named above. He dominates the entire organization with his limitless energy, personality and ability. He is very inventive and has modified most of the functions of the organization to be more effective for the operations. ~~REDACTED~~ is a very capable and clever person. He is an Austrian by birth and speaks English and Russian quite well. He is assisted by ~~REDACTED~~ who, as chief of cartography, seems to be fully aware of most of the modern, cartographic developments.

IV. Comments.

The Baedeker - Verlag issues touring guides for Italy, Yugoslavia, Austria, the Netherlands, France and other European countries. Baedeker was refused a license to publish the guides by the East Zonal authorities.

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MILITÄERGEODÄRMATISCHE DIENSTSTELLE (MILGEO)

MILITARY GEOGRAPHIC OFFICE OF THE MINISTRY OF DEFENSE

Address: Bad Godesberg - Friesdorferstrasse 194

I. Functions

A. International tasks include representation of the German position on the mapping responsibilities of military geography within the NATO Staffs and within the "Military Agency for Standardization"; related to this is the execution of recommendations made by NATO with respect to military mapping and surveying. The execution of these tasks are facilitated by a documentation program which includes cooperation with West German intelligence agencies and the procurement and listing of documents and publications related to geodesy, photogrammetry, and military geography-geology. Other responsibilities are field operations and preparation and supply of maps to the Armed Forces.

B. The Mil Geo Service coordinates its activities with the Institute for Applied Geodesy and the Land Survey Offices (LVA's). Such coordination applies primarily to subjects related to the fields of geodesy, photogrammetry and cartography.

II. Organizational Structure (Military Geographic Office)

A. Administration - Director - [REDACTED]

Deputy - [REDACTED]
Secretary - [REDACTED]

B. Cartography - Director - [REDACTED]

C. Geodesy - Director - [REDACTED] and Deputy Director of the Office

D. Photogrammetry - [REDACTED]

E. Documentation - Director - [REDACTED]

F. Geology - Director - [REDACTED]

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III. Key Personnel

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[REDACTED] Chief of the Military Geographic Office since 1956, is a very able, efficient, and forceful individual. He was born [REDACTED] began his military career in 1924 as an officer candidate, was commissioned in 1927 and was promoted to Captain (cavalry) 1935, Major 1940, Lt. Col. 1942, and Colonel 1943. He attended the War College from 1935 to 1937, and was assigned to the Topo Section of the General Staff in 1937. At the end of WW II, he became an American POW. Since 1952, [REDACTED] has been a civilian employee of the Ministry of Defense. In May 1956, he attended the Military Geographic Documentation Conference at Fontainebleau. He signed a map exchange arrangement with the US Army Map Service in 1957. He was reinstated as a colonel in 1959. He is an extremely friendly and cooperative person who speaks English fluently.

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[REDACTED] Chief of the Cartographic Section. Previously, he was Chief of the Cartography Section, Institute for Applied Geodesy. He is a graduate engineer and the author of "Changes on the Sample Sheet for the Topo Map 1:250,000" and of "Mission and Status of Official Cartography". He is a very capable person in his field. He speaks no English.

[REDACTED] - He is a very personable man who combines a theoretical capability and the practicality of the Military man. He has some independent ideas on geodesy in Europe. He speaks good English.

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RAVENSTEIN'S GEOGRAPHISCHE VERLAG ANSTALT

(RAVENSTEIN'S GEOGRAPHIC PUBLISHING OFFICE AND PRESS)

Address: [REDACTED]

I. Functions.

- a. Commercial map and atlas publisher and printer
- b. The firm is primarily a publisher of its own maps, but it also prints maps for a large number of other publishing firms.

II. Organizational Structure and Key Personnel.

Director - [REDACTED] Generally controls all facets of the operation. He is about 35 years old.

Others:

Prof. [REDACTED] Ley - Well-known in German cartographic and geographic circles.

III. Comments.

The Ravenstein Verlag is the second oldest, private, map-publishing house in Germany. The firm, founded in 1830, is predated only by the Justus Perthes Geographische Anstalt, Gotha and Darmstadt. The control of the firm has remained with the [REDACTED] family since its beginning.

The reference collection of official and commercial maps owned by Ravenstein is adequate for the needs of the company. Unlike most other firms, they did not lose their collection during the war.

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REISE-UND VERKEHRSVERLAG, STUTTGART

(TOURING AND TRAFFIC PUBLISHING HOUSE)

Address: Stuttgart - Schlossstrasse 61 (1954 address)

I. Functions.

This is both a commercial map and book publisher and a semi-official geographic publisher. Many of the items produced by the Bundesanstalt fuer Landeskunde, Remagen, are edited by [REDACTED] but published by Reise-und Verkehrsverlag. The firm is also one of the country's largest map wholesalers. Its patented catalog is one of the best sources of maps available in Germany. In addition, the company is the German representative for Freytag-Berndt and Antonia, Vienna.

II. Organizational Structure and Key Personnel.

The firm has two components, the publishing house (Verlag) and cartography (Kartographie). The former is under the direction of [REDACTED] and it employs approximately 15-20 persons. A seasonal variation in the number exists. The cartographic section, under the direction of [REDACTED] employs 6 draftsmen. The key person is [REDACTED], who, as the sole owner of the company, makes all decisions in the Verlag. [REDACTED] a well-known geographer and cartographer, is also a key man in the organization. [REDACTED] is very active in the Deutsche Gesellschaft fuer Kartographie and he is a lecturer on cartography at the Technische Hochschule in Stuttgart.

[REDACTED] and [REDACTED] both of the Geographic Institut of the University of Tushingen, advise [REDACTED] on geographic matters. Their particular interest is the "Physikalische Kreiskarten von Suedwestdeutschland" series.

III. Comments.

The Reise-und Verkehrsverlag was founded in 1928 when its owner, [REDACTED] bought out the Lorenz Verlag. This small firm, situated in Freiburg/Breisgau, published a map series on the Schwarzwald. In 1930, Reise-und Verkehrsverlag moved to Stuttgart. In 1937, the firm was enlarged when Steinmetz purchased another small, cartographic company. The building used by the publishing house was destroyed during the war.

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RICHARD SCHWARZ K.G. (Richard Schwarz Publishing House)

Address: Frankfurt/Main - Eckenheimer Landstrasse 36
Berlin W 35 - Luetzowstrasse 32

I. Functions.

The company is both a commercial map publisher and a retail distributor of all types of maps and tourist guides.

The Richard Schwarz Landkarten-Verlag was formed in 1903 by Richard Schwarz, and it has maintained its present name since that date. Presently the firm is directed by [REDACTED] who is the son of the founder. He is a trained geographer.

II. Organizational Structure and Key Personnel.

The personnel of Richard Schwarz Verlag is small in number and no formal internal organization is required for this company. Under the law, it is formed as a K.G. (Kommandit Gesellschaft), i.e., a limited or special partnership. [REDACTED] is the principal partner and the key man in the organization, having been with the company since his graduation from college. He is very pleasant to deal with and he speaks fluent English.

The other two partners of the Verlag are [REDACTED] who heads the Berlin office and [REDACTED] the cartographer. They both have been associated with the company for many years.

III. Comments.

The Schwarz Verlag is a very small firm and the number of workers employed is likewise very small. About 10-15 people are employed in both the Berlin and Frankfurt offices.

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ZEISS - AEROTOPOGRAFIE GMBH

Address: Ismaninger Strasse 57, Munich

I. Function.

Zeiss Aerotopograph manufactures all types of photogrammetric equipment, aerial cameras, and stereoscopic plotting instruments for mapping.

II. Organization.

The firm is 50% owned by [REDACTED] Oberkochen, the remainder being owned by [REDACTED]. Much of the design and engineering of Zeiss-Aerograph Aerotopograph products is done by Carl Zeiss, Oberkochen. Little information is available on internal organization.

The firm is represented in the United States by the Frankfort Corporation, 15 William Street, New York City and 929 Highgate Road, Alexandria, Virginia.

III. Key Personnel.

President - [REDACTED]
Vice-President - [REDACTED]
Engineer - [REDACTED]

SUSC 552 (2) (7) (C)

IV. Comments.

As in the case of the parent company, Carl Zeiss, Oberkochen, the firm maintains business contacts in the Soviet Bloc. In addition, some of the personnel have personal contacts with people employed at the Carl Zeiss, Jena.

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CARL ZEISS, OBERKOCHEM

Address: Oberkochen/Wurtemberg

I. Function.

Carl Zeiss, Oberkochen, is a manufacturer of high quality geodetic, photogrammetric, optical, and other precision instruments.

II. Organization.

Carl Zeiss, Oberkochen, is one of several Zeiss factories in West Germany, all of which are controlled by the Zeiss Foundation in Oberkochen. Other plants in Stuttgart, Berlin, Kiel and Munich are primarily involved in the manufacture of hard and special types of cameras.

Prior to 1946, the Zeiss firm was headquartered in Jena, East Germany. To avoid nationalization by the Russian authorities the key personnel at Jena fled to West Germany in 1946 where the firm was reorganized. Skilled technicians from the Jena plant apparently joined the new plant in Oberkochen in some numbers. There is no connection between the plant in East Germany known as VEB Carl Zeiss and the Carl Zeiss enterprises in West Germany. The present personnel at Carl Zeiss, Oberkochen, number about 3,000.

III. Key Personnel.

Managing Director - (fau) [REDACTED]

Assistant Managing Director - [REDACTED]

Chief of Geodetic and Nautical Instrument Branch - [REDACTED]

[REDACTED] - Geodetic Surveying Specialist

[REDACTED] - Photogrammetry specialist.

IV. Comments.

The Zeiss firm reportedly conducts trade with Sino-Soviet Bloc countries. It is also reported that there is a considerable amount of contact between personnel of Carl Zeiss, Oberkochen, and VEB Carl Zeiss, Jena.

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PART II

WEST GERMANY PERSONALITIES

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LVA Hessen
Gleumes and Company
Ravenstein Verlag
LVA Hessen
LVA Schleswig-Holstein
LVA Niedersaechsisches
LVA Schleswig-Holstein
LVA Baden-Wuerttemberg
LVA Schleswig-Holstein
IFAG
LVA Schleswig-Holstein
LVA Nordrhein-Westfalen
" "
LVA Schleswig-Holstein
LVA Hessen
IFAG
Reis-und Verkehrsverlag
IFAG
LVA Schleswig-Holstein
" "
BLR
LVA Baden-Wuerttemberg
LVA Schleswig-Holstein
Wilhelm Daucher Verlag
LVA Schleswig-Holstein
Cartographic Society
LVA Bayern
" "
LVA Niedersaechsisches
Mairs Verlag
BLR
LVA Saarland
LVA Schleswig-Holstein
IFAG
Atlantik-Verlag
Kataster-und Vermessungsverwaltung
Bremen
BLR
IFAG, Carl Zeiss, Oberkochen
IFAG
LVA Schleswig-Holstein

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WEST GERMANY PERSONALITIES

LVA Schleswig - Holstein
IFAG

LVA Schleswig - Holstein
IFAG

German Cartographic Society
"

LVA Niedersaechsisches
Mil-Geo

LVA Niedersaechsisches
LVA Schleswig-Holstein

LVA Bayern
LVA Hessen
"

Mil-Geo
Cartographic Society
LVA Nordrhein-Westfalen
Cartographic Society
LVA Schleswig-Holstein
"

LVA Niedersaechsisches
BLR
Cartographic Society
LVA Der Freien Hamsestalt Hamburg
Reise-und Verkehrsverlag, Stuttgart
LVA Bayern
Reise-und Verkehrsverlag, Stuttgart
BLR

LVA Schleswig-Holstein
LVA Bayern
LVA Schleswig-Holstein
"

IFAG
Photogrammetry Society
Kataster-und Vermessungsverwaltung Bremen
LVA Schleswig-Holstein
"

LVA Niedersaechsisches
LVA Schleswig-Holstein
LVA Bayern
"

LVA Hessen
Mil-Geo
LVA Rheinland-Pfalz
LVA Baden-Wuerttemberg

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WEST GERMANY PERSONALITIES

IFAG
LVA Schleswig-Holstein
LVA Niedersaechsisches
LVA Schleswig-Holstein
Mil-Geo
Cartographic Society
LVA Niedersaechsisches
Cartographic Society
LVA Saarland
IFAG
Wilhelm Daucher Verlag
IFAG
Carl Zeiss, Oberkochen
Photogrammetry Society
LVA
LVA Saarland
LVA Baden-Wuerttemberg
BLR
Mil-Geo
Ravensteins Geographische Verlagsanstalt
Cartographic Society
IFAG
Reise-und Verkehrsverlag, Stuttgart
Reise
LVA Schleswig-Holstein
IFAG
Zeiss-Aerotopograph GMBH
Reise-und Verkehrsverlag, Stuttgart
Carl Zeiss, Oberkochen
BLR
LVA Rheinland-Pfalz
LVA Schleswig-Holstein
Wilhelm Daucher Verlag
LVA Hessen
BLR
Mil-Geo
LVA Niedersaechsisches
LVA Der Freien Und Hansestadt Hamburg
LVA Rheinland-Pfalz
LVA Niedersaechsisches
LVA Rheinland-Pfalz
Mairs Geographische Verlag
Cartographic Society

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WEST GERMANY PERSONALITIES

LVA Nordrhein-Westfalen

LVA Hessen

LVA Nordrhein-Westfalen

LVA Schleswig-Holstein

See Part V

LVA Saarland

"

LVA Niedersaechische

LVA Schleswig-Holstein

Ravenstein's Geographische Verlagsanstalt

LVA Baden-Wuerttemberg

"

Mil-Geo

LVA Niederaechische

Kataster-und Vermessungsverwaltung Bremen

LVA Schleswig-Holstein

Mil-Geo

LVA Saarland

LVA Schleswig-Holstein

LVA Baden-Wuerttemberg

LVA Niedersaechische

LVA Bayern

LVA Rheinland-Pfalz

Cartographic Society

LVA Rheinland-Pfalz

LVA Schleswig-Holstein

LVA Niedersaechische

BLR

LVA Hessen

LVA Schleswig-Holstein

BLR

LVA Nordrhein-Westfalen

BLR

Carl Zeiss, Oberkochen

IFAG

LVA Bayern

Richard Schwarz K.G.

See Part V

LVA Bayern

LVA Schleswig-Holstein

Richard Schwarz K.G.

LVA Baden-Wuerttemberg

Technische Hochschule, Carl Zeiss, Oberkochen

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German Cartographic Society
Cartographic Society
IFAG
Reise-und Verkehrsverlag, Stuttgart
IFAG
See Part V
Cartographic Society
Mil-Geo
LVA Baden-Wuerttemberg
BLR
LVA Schleswig-Holstein
LVA Hessen
LVA Schleswig-Holstein
Zeiss-Aerotopograph GMBH
Zeiss-Aerotopograph GMBH
"

LVA Nordrhein-Westfalen
LVA Bayern
LVA Rheinland-Pfalz
Mil-Geo
LVA Nordrhein-Westfalen
LVA Bayern
LVA Der Freien Hansestadt Hamburg
IFAG
LVA Niedersaechische
LVA Bayern
LVA Schleswig-Holstein
LVA Schleswig-Holstein
LVA Baden-Wuerttemberg
LVA Hessen
LVA Saarland
LVA Niedersaechische
Kataster-und Verlagsverlag, Stuttgart
LVA Schleswig-Holstein

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PART - III

SELECTED WEST GERMAN ACADEMIC INSTITUTIONS
WITH CARTOGRAPHIC AND RELATED CURRICULA

1. Staatliche Ingenieurschule fuer Bauwesen, Abt. Kartographie, Berlin W 35, Kurfurstenstr. 141. [REDACTED]
2. Staatsbauschule, Akademie fur Bautechnik, Fachrichtung fuer Landkartentechnik, Karlstr. 6, Munchen 2. [REDACTED]
3. Geodaetisches Institut der Technische Hochschule, Aachen. Director - [REDACTED]
4. Institut fuer Vermessungskunde der Technische Universitat Berlin, Berlin/Charlottenburg 2, Hardenburgstr. 34/35. Director - [REDACTED]
5. Institut fuer Photogrammetrie der Technische Universitat Berlin, Berlin/Charlottenburg 2, Hardenburgstr. 34/35. Director - [REDACTED]
6. Institute fuer Photogrammetrie der Universitat, Bonn, Meckenheimer Allee 172. Director - [REDACTED]
7. Geodaetisches Institut fuer Vermessungskunde der Technische Hochschule, Braunschweig. Director - [REDACTED]
8. Geodaetisches Institut fuer der Technische Hochschule, Darmstadt, Hachschulester. 1, Darmstadt. Director - [REDACTED]
9. Institut fuer Photogrammetrie und Ingenieurvermessungen der Technische Hochschule, Hannover, Nienburgerstrasse 1, Hannover. Director - [REDACTED]
10. Geodaetische Institut der Technische Hochschule, Karlsruhe, Kaiserstr. 2, Karlsruhe. Director - [REDACTED]
11. Geodeatische Institut der Technische Hochschule, Munchen, Arcisstr 21, Munchen. Director - [REDACTED]
12. Institut fuer Photogrammetrie, Topographie und Allgemeine Kartographie der Technische Hochschule, Munchen, Arcisstr. 21, Munchen. Director [REDACTED]

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PART IV

SELECTED WEST GERMAN COMMERCIAL MAPPING AND RELATED ORGANIZATIONS

(No supplementary reports)

AERO EXPLORATION, Flughafen, Frankfurt am Main. Photogrammetry, aerial photography.

ASKANIA-WERKE AG, Bundesallee 86, Berlin-Friedenau. Surveying and mapping instruments.

OTTO FENNEL SOHNE KG, Konigstor 16, Kassel. Surveying instruments.

PHOTOGRAMMETRIE GMBH, Mauerkircherstrasse 1a, Munich. Photomapping, surveying.

PLAN & KARTE GMBH, Elbestrasse 5, Munster (Westf.) Aerial surveying and mapping.

N. RUPKE, Schlossgarten 67, Hamburg-Wandsbek. Surveying, photomapping, town planning, civil engineering.

SCHAFFMAN, KLUGE & CO., Bismarkstrasse 70, Berlin-Charlottenburg. Cartographic work and map publishing.

KARL WENSCHOW GMBH, Leopoldstrasse 175, Munich. Cartography and map publishing.

GEORG WESTERMANN, Georg Westermann Allee 66, Braunschweig, Cartography.

BUND DER OFFENTLICH BESTELLTEN VERMESSUNGSINGENIEURE E. V. (BDVI), Kolumbastrasse 10, Cologne. Association of Chartered Surveyors in the German Federal Republic.

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PART V

WEST GERMANY - ADDITIONAL PERSONALITIES OF INTEREST

5 USC 552 (b) (7) (D) (C)
[REDACTED]
Formerly surveyor of Stalinsk USSR (10/48). Technician and Surveyor.
PW Interrogee. Born 1909 in [REDACTED] German.

Chief, Measuring Instruments Lab. Carl Zeiss AG., Oberkochen West Germany, 1955-56. Formerly with the Industrial Measuring Equipment Section, VEB Optik Carl Zeiss Jena, Sovzone, Germany - February 1954 - February 1955; Arsenal 1, Kief, USSR, April 1948 - July 1953; Gomz, Zavod 349, Leningrad USSR, October 46-April 48; Carl Zeiss Jena Sovzone, Germany, April 1945-October 1946. Born [REDACTED] Dr. Ing. 1935. Anti-Communist.

German refugee from the GDR. Reg. [REDACTED] Was born on [REDACTED] in [REDACTED] and has had four years each of elementary, secondary and high school.

After a one-year training course at the [REDACTED] from September 1954 to September 1955, source attended the [REDACTED] as a student in the [REDACTED] from September 1955 to September 1957. From September 1957 to December 1957, he was employed as a [REDACTED] at the [REDACTED]

[REDACTED] accompanying his [REDACTED] (and family) who had come into conflict with the SED during his service at the [REDACTED] - Very cooperative source during interrogation.

5 USC 552 (b) (7) (D)

STILLIE, Hans W. (Prof.)

Former Director, Geotechnical Institute (Sovzone) Germany, 1949. Vice President, Academy of Sciences (1950). Now in Hannover (UK Zone - 1950). Born 8 October 1876, Hannover, Germany.

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Source of RV 490 (USAREURIC 513 MI gp), a German refugee, Reg [REDACTED] has had five years of elementary and four years of advanced schooling, and is an assistant geodetic surveyor. In 1949, he entered the KVP as a Pvt., advanced to 1st Lt. In February 1950, he was assigned as a topographic instructor at the Armed OCS, Grosshair. On 30 November 1956, he was discharged. The official reason given him for his release was poor health, but he claims that legal proceedings were begun with his release to try him for divulging military secrets. Source was able to obtain an interzonal pass on his civilian identity card. On 1 December 1956, he traveled by train to West Germany, determined not to return to the DDR. Source has not yet been able to obtain recognition as a bona-fide refugee. Source is cooperative and seems sincere.

The mentioned person has the reputation of being one of the most outstanding German experts on photogrammetry. He has served [REDACTED] in Jena and Oberkochen for 25 years. [REDACTED] has now resigned and accepted the Chair for Photogrammetry and Topography at the Technische Hochschule in Karlsruhe.

(1956 information - BR FILES)

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GUIDE TO THE COLLECTION OF INTELLIGENCE
ON SOVIET TOPOGRAPHIC MAPS THROUGH
OBSERVATION AND ELICITATION (S)

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24 JUL 1958

GUIDE TO THE COLLECTION OF INTELLIGENCE ON SOVIET TOPOGRAPHIC
MAPS THROUGH OBSERVATION AND ELICITATION

PART I

INTRODUCTION

The procurement of topographic map coverage of the Soviet Union is of maximum importance to the intelligence community of the United States. Due to the absolute lack of procurement of a single post-war Russian topographic map, it is necessary to build up as much information as possible that can aid future map procurement.

This information can best be built up through observation and elicitation, or reporting of information seen on maps and information obtained from persons or non-map sources.

The guide is arranged in two parts:

a. OBSERVATION. This consists of obtaining useful information by looking at a map or maps. The observation may vary from a brief glimpse of a map to a longer, indefinite period in which the individual may even have the map in his possession, and be able to make notes. Within this section of the guide three presentations are made. The first offers for the observer, whoever he may be, a thumbnail guide aimed at effecting the greatest possible return from an observation. The second provides him with briefing material covering technical aspects of a Soviet topographic map. The third supplies a list of brief questions based on the technical aspects and arranged in the same order and priority. The questions summarize the information needed from each map sheet observed.

b. ELICITATION. This consists of obtaining useful information through conversations with individuals. The persons providing the information may vary from skilled technicians to unskilled labor within a mapping organization, persons in associated printing, trucking, provisioning establishments, or other related activities. Within this section a number of type questions are presented under varying elicitation situations.

For the further guidance of the observer or elicitor there have been included as attachments to this guide the following: a) List of terms found in the margin of Soviet topographic maps given in Russian with English translations, b) guide to the location of marginal information on Soviet topographic maps. Information noted on Attachment 2 is based on a style sheet in the latest available Soviet map specifications, c) Soviet map sheet of Germany, scale 1:100,000. This photo reproduction illustrates a type of Soviet map.

GROUP - 1

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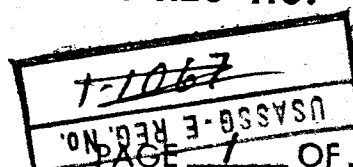
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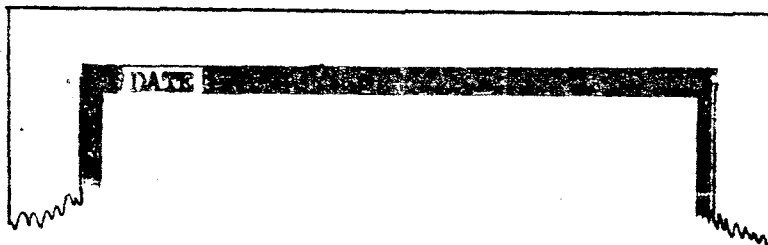
Part I - OBSERVATION

A. Observation Situations

The observation of a Russian topographic sheet may vary from a quick glance of the map on a wall, desk, on a drafting table, in somebody's hand, or in a number of other places, to a longer viewing period, with time to actually make notes. Although the numerous possible situations in which observation might take place cannot be enumerated here, it is possible to summarize briefly the potential embodied in the viewing of a single map and a group of maps in two different time situations.

Observation Situation No. 1 - Observer sees a single Russian topographic sheet for the briefest of seconds, - probably a glance only. The objective: identification of area and date. Memorize the number in the top center of the map and the edition date which appears within a break in the upper left framing line.

N-37-25-A-a(Name of largest town)



The above situation represents the "fraction of a second" type of observation. The observation situation presented next represents the other end of the time potential, with the assumption made that the observer has quite a bit of time to study the map.

Observation Situation No. 2 - Observer sees a single Russian topographic sheet for a long period of time. Regardless of whether memorization, note-taking, or a combination of the two are employed, the following information is desired, in the following order:

First Priority:

1. Identification of area.
2. Date of map.
3. Publisher or authority.
4. Geodetic data.
5. Security classification or controls.

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Second Priority:

1. Military or civilian sheet.
2. Triangulation or astronomic points.
3. Vertical control points.

The briefing material in the second section of this part of the guide provides considerable detail about the categories listed above.

Observation Situation No. 3 - Observer sees more than one Russian topographic sheet (may vary from 2 to scores) for the briefest of seconds - probably a glance only. Objective: identification of area and range of dates. This is a difficult task, and the best that the observer may be able to achieve is the memorization of one sheet number, and the formation of some impressions of the other sheets. Possible impressions might be as follows:

If maps are on a wall:

(a) How many sheets: Did they all appear to be of the same size and scale? Were they contiguous? What area did they cover in toto? Were most sheets dated later than 1945?

If maps on a desk, table, floor, etc:

- (a) How many maps, roughly, were involved?
- (b) Any recognizable breakdown, by scale, type of map, etc?
- (c) Full sets or stock (multiple copies) on individual sheets?
- (d) Date of any sheet.

Observation Situation No. 4 - Observer has access to more than one Russian topographic sheet for a long period of time. Assuming that it is never known whether or not the time the maps are available will be enough for full exploitation the priorities should be handled as follows:

1. Rapidly go through all sheets to obtain a general impression of the total coverage and range of dates. Note the approximate number of different sheets in each IAW block, e.g., 20 to 30 sheets in L-42 with dates ranging 1956-57. 50 to 70 sheets in L-44 with dates ranging 1956-57.
2. Review each sheet, recording the information requested under first priority.
3. Review the sheets again recording information under second priority.

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- 3 -

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If an observer knows that he has the time to obtain all of the desired information without discovery, the successive reviews of the sheets should be eliminated, and all information gathered in one review. The successive reviews are recommended, however, in situations where discovery is a possibility. The top priorities, including identification of area, date, and publishing authority, could thus be insured.

B. Technical Briefing Material for Observer

In the previous section on Observation Situations the required information and priorities have been outlined. In the following segments each of the required items is amplified and explained. They are presented in the same descending priority order used in the preceding.

First Priority:

1. Identification of the precise area covered by the map sheet. The exact area covered by a single map sheet as well as the scale of the map series is indicated by the sheet number (a combination of letters and numerals) that appears at the top center of sheet. This sheet number should be reported precisely as shown. Associated with the sheet designation is the name, in parenthesis, of the largest settlement in the area covered by the sheet.

The Soviets use a system of sheet numbering and nomenclature that is based upon the sheet-line system of the International Map of the World.* On the Russian topographic maps the initial letter "E" that signifies north in the IMW series is generally omitted. Thus the Moscow sheet of the Soviet 1:1,000,000 series is H-37 (not EE-37). The adjoining sheet to the north is O-37, to south H-37, and sheets to the west and east of Moscow are K-36 and R-38, respectively.

*The International Map of the World (IMW) was designed as an international program to provide a uniform series of map sheets at 1:1,000,000. The IMW series is being produced according to standards and specifications agreed to by an international convention. Although the Soviet Union is not a signatory, it has adopted the IMW sheet-lines as a basis for an integrated mapping system incorporating several map series. On each sheet, the name of the continent and the scale appear at the top left, the sheet name in the center, and the number in the upper right. The sheets are oriented north and south of the equator, indicated by the letters N and S, and east of 180 degrees longitude. Latitudinal positions of the sheets are indicated alphabetically, the first row north of the equator being designated "A", and the second "B", and so on. The sheets are numbered eastward from 180 degrees by Arabic numerals 1 through 60. Thus, Sheet EE-37, the Moscow sheet, is in the 14th tier north of the equator and is the 37th sheet east of 180 degrees.

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In the 1:500,000 series the sheet number is derived from the division of the 1:1,000,000 sheet into four equal sections. (Labeled in Russian A, B, C, D). Each sheet of the 1:500,000 series is identified by the sheet number of the 1:1,000,000 sheet within which it falls, followed by a capital Russian letter to designate one of the four sections, for example 1-37-A, B-37-B, C-37-C, or D-37-D.

B-37

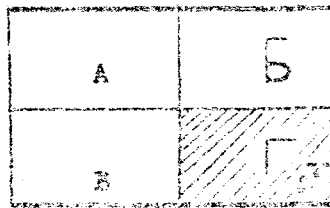


Figure 1. 1:500,000

The new 1:300,000 series sheet number is derived by dividing the 1:1,000,000 sheet into nine sections. Each sheet is designated by a Roman numeral that precedes the 1:1,000,000 sheet number: I-A-37, II-B-37, III-C-37, through IX-I-37.

II-37



---IX-I-37

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The 1:100,000 series of 1:100,000 sheets are designated by the sheet number followed by Arabic numerals. There are 144 sheets to each DW block; e.g. sheet numbers B-37-1, B-37-2, B-37-3, B-37-4, B-37-5, through B-37-144.

I	II	III
IV	V	VI
VII	VIII	IX
X	XI	XII
XIII	XIV	XV
XVI	XVII	XVIII

XIX	XX	XXI
XXII	XXIII	XXIV
XXV	XXVI	XXVII
XXVIII	XXIX	XXX
XXXI	XXXII	XXXIII
XXXIV	XXXV	XXXVI

B-37

I, II	III, IV	V, VI
VII, VIII	IX, X	XI, XII
XIII, XIV	XV, XVI	XVII, XVIII
XIX, XX	XXI, XXII	XXIII, XXIV
XXV, XXVI	XXVII, XXVIII	XXIX, XXX
XXXI, XXXII	XXXIII, XXXIV	XXXV, XXXVI

B-37, XV, XI, XII

B-37

The 1:100,000 sheets are designated by the DW sheet number followed by Arabic numerals. There are 144 sheets to each DW block; e.g. sheet numbers B-37-1, B-37-2, B-37-3, B-37-4, B-37-5, through B-37-144.

B-37

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132
133	134	135	136	137	138	139	140	141	142	143	144

B-37, 144

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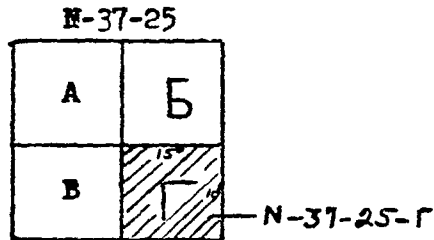
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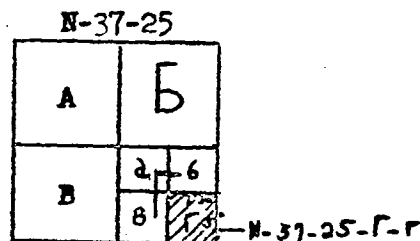
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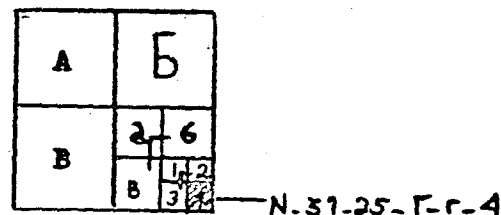
The 1:50,000 sheets are derived by dividing the 1:100,000 sheet into 4 equal sections. Each sheet number of the 1:50,000 series consists of the 1:100,000 sheet number followed by one of the first four letters of the Russian alphabet printed in upper case, e.g. N-37-25-A, N-37-25-B, N-37-25-Г.



Each 1:25,000 sheet covers one-fourth of a 1:50,000 sheet. The 1:25,000 sheet number consists of the 1:50,000 sheet number followed by one of the first four letters of the alphabet in the lower case, e.g. N-37-25-A-a, N-37-25-B-b, N-37-25-В-в, N-37-25-Г-г.



The 1:10,000 sheet covers one-fourth of the 1:25,000 sheet. The 1:10,000 sheet number consists of the 1:25,000 sheet number followed by an Arabic numeral, e.g. N-37-25-Г-г-4.



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The system of identification described does not cover all map-sheet designations (numbers) that may be encountered, but it does include the "standard" military and civilian topographic map scales.

In the event that the sheet number has been mutilated, deleted, or torn off, the numbers of the adjoining sheets should be reported. The numbers of the adjoining sheets are given in lower case printing at the center of each border. (Attachment 2, item 2).

In the absence of both a sheet number and an adjoining sheet number, the exact coordinates of two diagonal corners or any two corners identified as top left or right, or bottom left or right, should be reported. (Attachment 2, item 3).

2. Date of Map Sheet

Much of the significance and value of a map sheet is related to the date. Report the following dates: survey, revision, compilation, edition, and print.

(a) The survey date is the actual date that the ground, aerial, or other survey took place. The survey date will usually be shown on large-scale maps (1:10,000-1:100,000). The date and type of survey should be reported. Attachment 1, items 25 through 37, and item 50, provide the Russian nomenclature and English translation of survey dates. The survey date is usually located in the right corner of the bottom margin. (Attachment 2, item 5).

(b) The revision date indicates that additional information has been added since the sheet was surveyed or compiled. The revision date, attachment 1, items 23 and 24, is also located in the bottom margin, right corner.

(c) The compilation date appears in the same area on the sheet as the two preceding dates. It not only indicates the date of compilation but may indicate the source material from which the map was compiled. Both date and the source should be reported (Attachment 1, items 17 through 22).

(d) The edition date, which appears within a break in the framing line near the upper left corner (Attachment 2, item 6) advances every time a change is made on the map sheet. Both the edition number and date should be reported (Attachment 1, items 6 through 9).

(e) The print date simply gives the date of printing. This date is found within a break in the bottom right framing line (Attachment 2, item 7). The month is given in Roman numerals and the year in Arabic numerals, e.g. VIII-55. Occasionally the print date is also given below the survey or revision date. (Attachment 1, items 13 through 16.)

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3. The Publisher of Authority

The name of the agency or organization responsible for the publication and production of the map is not always shown on the map sheet. The names of agencies most likely to appear on the map sheet are listed in Attachment 1, items 1-5. If the name of the publisher or authority is included on the map sheet it will appear in the center of the top margin above the sheet number or at the right side of the bottom margin. (Attachment 2, item 4.) This information should be reported either as it appears in Russian on the map sheet, or transliterated form.

4. Geodetic Data

(a) The coordinate system date (Attachment 1, item 12); this is located in the upper left margin. (Attachment 2, item 8.)

(b) Any reference to the vertical datum of the sheet (Attachment 1, item 49); this may be found in the center of the bottom margin. (Attachment 2, item 9)

5. General

(a) Any security classification and/or distribution or use control. This information is usually found in the top right corner of the sheet. (Attachment 2, item 10). It may be printed or hand marked with a rubber stamp.

(b) Russian cartographic literature reports that a special plate is prepared in addition to the basic topographic plates; however, there is no indication that this plate is incorporated in all printings of a topographic map sheet. This implies that the information contained on this special plate is military or classified. It is highly desirable that information regarding the method of portrayal and types of data shown be reported. The special plate may be printed in one of the following forms: 1) as an integral part of the topographic map sheet, 2) as an overprint on a topographic map sheet, or 3) as a separate overlay keyed to a topographic map sheet.

Second Priority:

1. Any indication as to whether the map sheet is a military or civilian edition. There is no definite information that such information appears on map sheets.

2. The presence of triangulation (trig) points (Δ) vs. Astronomical (astro) points (\star). The presence of triangulation points east of the Ural mountains and north of 60 degrees latitude is particularly significant.

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3. The number of triangulation points and astronomical points. An indication of the pattern of distribution of the sheet is also highly desirable.

4. The number and distribution of vertical control points (bench marks) (⊗, □). If a bench mark can be located at a road or railroad intersection or at the end of a bridge, the coordinates of the point and value of the bench mark should be reported. Such a description will help integrate the vertical control points into the horizontal control net.

C. Summary, with statement of priority.

First Priority:

1. What is the precise sheet number as it appears on the top center of the map sheet.
2. Indicate and identify the various dates found on the map sheet.
3. Give the name of the publishing agency or authority responsible for the map sheet. (in Russian or transliteration)
4. What is the coordinate system date shown in the top left margin of the map sheet?
5. Indicate the presence of triangulation (trig) points, vs. astronomical (astro) points on the sheets east of the Ural Mountains and north of 60 degrees latitude.
6. What security classification or use control appears on the sheet?
7. Describe the method of portrayal and the types of data shown on the special plate which is prepared in addition to the basic topographic plates. Is the special plate printed as an integral part, overprint or overlay to the topographic map sheet?

Second Priority:

1. What indication is there that the map sheet is a military or civilian edition?
2. What other restrictions on distribution or use are indicated on the map sheet?
3. How many triangulation points are on the sheet?
4. How many astronomical points are on the sheet?
5. Is there any indication of a particular pattern such as trig points on the southern half of the sheet or astro points on the northern half?
6. How many vertical control points (bench marks) are on the sheet?

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A. Organizations

- ### B. Map Coverage

- ### C. Map Sheet Characteristics

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3. Does the absence of "General Staff..." indicate that the map has been made for non-military uses only?
4. What information is shown on the military edition that is not shown on the non-military?
5. Are there certain scales considered standard military series?
6. Is there a standard method for placement of marginal information on all topographic maps? (Attachment 2, may be used for reference). If not, which series follow the same format?
7. Sheet number, name, dates, and coordinate system for specific map sheets seen or used.

D. Distribution, Storage, Control

1. Does the Documentation Division (Library) of each Cartographic factory or AGP receive copies of all topographic maps of the USSR or only for the areas in which it is located or responsible for mapping.
2. What libraries other than cartographic factories and AGPs receive topographic maps and for what areas.
3. Names of personnel who are responsible for map files in mapping establishments, universities, scientific societies, etc.?
4. Where are stock quantities of maps stored. (Type structure, is it guarded, how are windows protected, etc.)
5. How and by whom are the maps distributed or obtained? To military, to civilians?
6. What person or organization has access to topographic maps? (Indicate scale in each).
7. What accounting is made of maps at the end of a day, week, month or year?
8. Location of the permanent repositories of basic mapping materials such as control, photography and survey data?
9. What organizations(s) are responsible for the basic mapping materials (control, photography, planetable surveys, etc.)?
10. Who controls the distribution of this material to the map making establishments?
11. Where is the manuscript of the compilation stored, and in what form?
12. What is considered to be official use when a map indicates FOR OFFICIAL USE on right side upper margin?

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13. Names of personnel who drive trucks which transport maps, mapping equipment, or mapping materials such as paper, ink etc. Characteristics of trucks if a special type of truck? (guarded, locked, etc.)

14. Characteristics of the shipping entrance to mapping establishments.

15. Location of area or place where discarded or mutilated maps, photographs, etc. are destroyed. Accounting methods. Presence of guards.

E. Map Production (Compilation, Drafting, Reproduction)

1. Are there specifications for the military maps apart from the non-military?

2. In preparing small-scale maps such as political-administrative maps and atlas sheets, does the compiler (organization) obtain the most up-to-date large-scale topographic maps for use as source material? From whence is this obtained?

3. Categories and names of personnel who may be able to acquire mapping materials at various stages in the preparation of the map?

4. When a map is printed at a location other than where it is compiled or drafted, in what form (photo negative or manuscript) and how is it transported.

5. Where are printing plates made and stored?

6. Where are maps printed?

7. Does each printing establishment have a code letter that is printed in the right side of the bottom framing line? (Attachment 2, item 7).

8. How many copies are printed of each map sheet?

9. How rigorous is the accounting for "imperfect" map sheets after a press run is completed?

F. Surveying

1. For what areas are control surveys completed, in work, or planned? Do you know of any control surveys--chiefly First Order--that are being extended in areas not required for mapping purposes?

2. Have you seen lists of control data? If so, where?

3. Does each map making establishment (kartfabriki and AQP) maintain a file of the control data in its area of responsibility?

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4. How extensively is electronic equipment utilized in obtaining control data? Where is it used?
5. What type of equipment is utilized? Soviet or foreign design?
6. How rigorously are established geodetic specifications met in field operations?
7. Identify areas to which access may be restricted and in which survey towers (steel towers from which observation may be made by using surveying instruments) have been erected in recent years. Give date that towers were observed, distance between towers, and termini if known.

G. Photography

1. For what area has aerial photography been obtained?
2. What is the scale of the photography and the dates flown (for each area)?
3. Have you heard anything concerning possible limitations of photography when used, for compilation by stereophotogrammetric methods.
4. Is special photography flown for extending map control?
5. Is separate photography flown for map revision purposes only? If so, what scale?
6. Is new photography being flown for the 1:25,000 series?
7. Where is the original film deposited? Are duplicate copies made and to whom are they available or distributed?
8. Who makes prints, how many, and to whom are they available or distributed?
9. What use is made of oblique photography in mapping?
10. Have photomosaics been prepared for any areas? What areas, scales, and when? Describe or indicate the existence of the following: marginal data, contours overdrawn, control points symbolized e.g. Have the photomosaics been reproduced and distributed? If so, how many copies were made and to whom were they distributed?

H. Miscellaneous

Who are the suppliers of ink, paper, and other materials?

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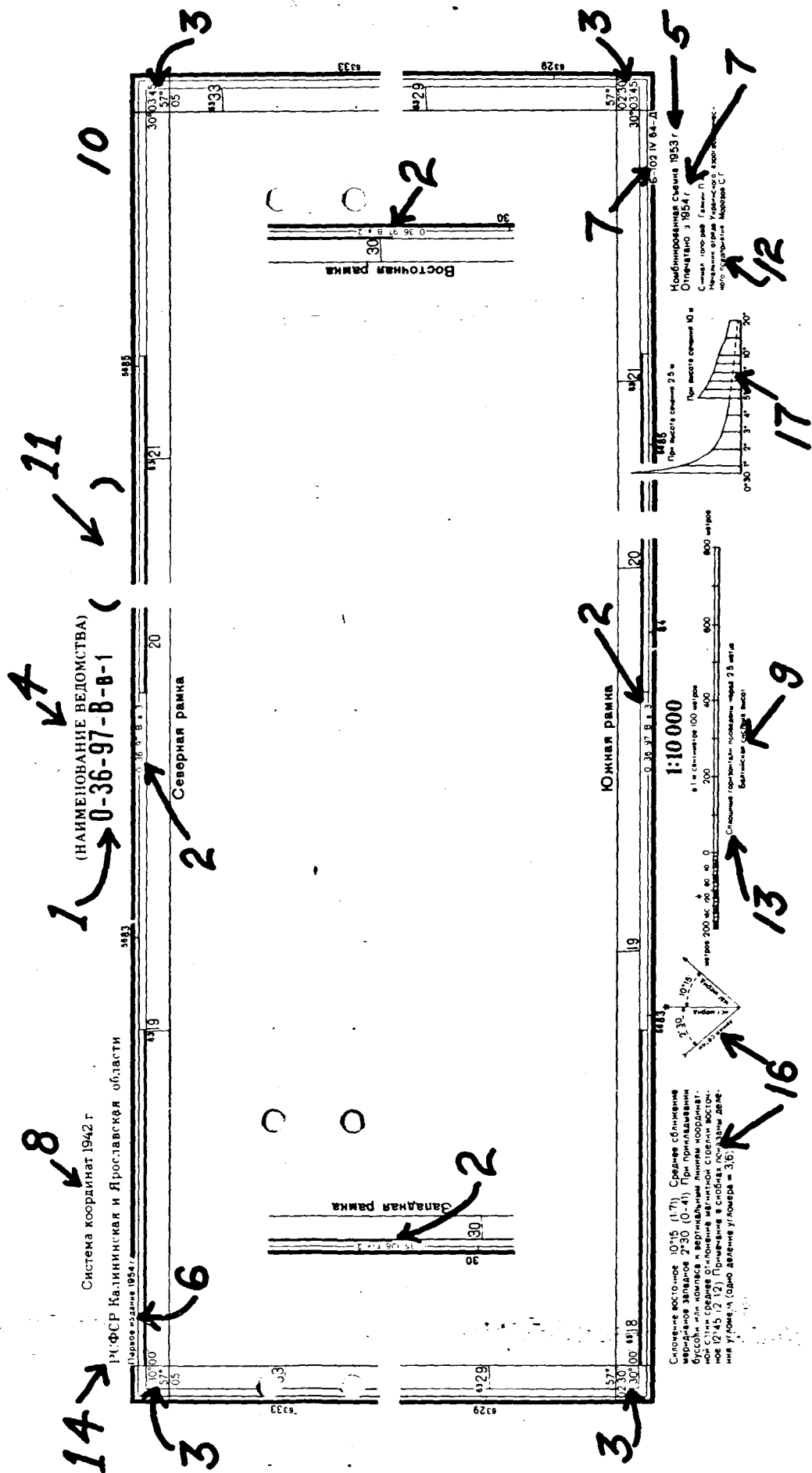
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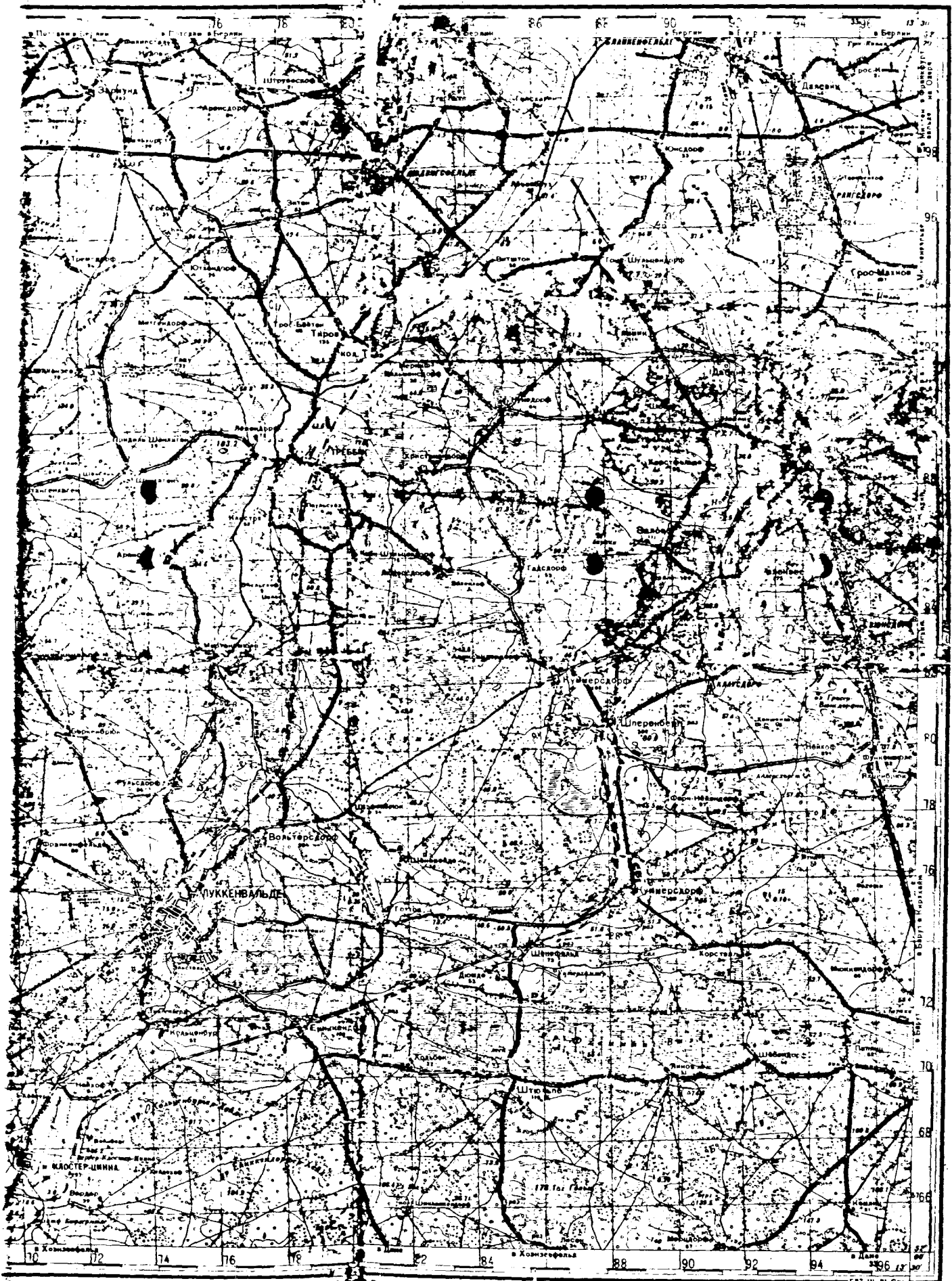
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ATTACHMENT 2. GUIDE TO INTERPRETATION OF MARGINAL INFORMATION



INFORMATION TO BE REPORTED. (SEE TEXT)

1. Sheet number (guide represents the 1:10,000 scale numbering system)
2. Number of adjoining sheet



1:100000

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При высоте сечения 20 м

При высоте сечения 100 м

Карта составлена ХНЧ в 1950 г.
по 1:25000 карте издания 1949 г.
и 1:50000 карте издания 1947 г.
Отпечатана в 1951 г.

ATTACHMENT I

1. Генеральный Штаб Вооруженных Сил Союза ССР	General Staff of the Armed Forces of Union SSR
2. Генеральный Штаб, Красная Армия	General Staff, Red Army
3. Военно-Топографическое Управление	Military - Topographic Administration
4. Главное Управление Геодезии и Картографии	Chief Administration of Geodesy and Cartography
5. Аэро-Геодезические Предприятия	Aero - Geodetic Enterprises
6. Первое издание	first edition
7. Второе издание	second edition
8. Третье издание	third edition
9. Временное издание	provisional edition
10. Учебная карта	training map
11. Для служебного пользования	for official use only
12. Система координат (год)	system of coordinates (date)
13. Издано в (году)	published in (date)
14. Сдано в печать	given for publication
15. Допущено к печати	authorized for publication
16. Отпечатано в	printed in
17. Составлено в (году)	compiled in (date)
18. Карта составлена схематично	map compiled diagrammatically
19. Составлено	compiled (by)
20. Карта получена стереофотограмметрическим методом	map compiled by stereo-photogrammetric method

21. Карт издана с учетом всех материалов на	map compiled from all the sources available as of (date)
22. Карта получена путем увеличения (масштаб) карты	map represents an enlargement of (scale) sheet
23. Исправлено	revised (by)
24. Исправлено в (году)	revised in (date)
25. Маршрутная съемка	route surveys (by)
26. Инструментальная съемка	instrumental survey
27. Фототеодолитная съемка	photo-theodolite survey (by)
28. Межевые съемки, разных масштабов	cadastral surveys, various scales
29. Крупно масштабные съемки	large scale surveys (by)
30. (Масштаб) аэросъемка в (году)	(scale) aerial survey of (date)
31. Масштаб 1:100,000, рекогносцировка в (году)	scale 1:100,000 reconnaissance of (date)
32. Мензуральная топографическая съемка	plane table topo survey
33. Горизонтальная съемка	planimetric survey
34. Полуинструментальная съемка	semi - instrumental survey
35. Маршрутно инструментальная съемка	instrument route survey
36. Рекогносцировка в (году)	reconnaissance of (date)
37. Частичная рекогносцировка	(date) partial reconnaissance

38. Дополнено и исправлено по новейшим материалам в (году)	additions and corrections from the latest sources in (date)
39. Дорожная сеть дополнена в(году)	additions to road network made in (date)
40. Частично в(году) исправленна по 1:50,000, съемка (в году)	partial (date) corrections made from 1:50,000, survey of (date)
41. Исправлена, дополнена и вычерчена	corrected, supplemented and drafted (by)
42. Карта перечерчена с 1:100,000,съемка (в году)	map redrafted from 1:100,000 survey of (date)
43. Многогранная проекция Мюффлинга	Mueffling polyhedric projection
44. Видоизмененная поликоническая проекция	modified polyconic projection
45. Равноотстоящая коническая проекция	equi - distant conical projection
46. Административные границы показаны приблизительно	administrative boundaries drawn diagrammatically
47. Административные границы показаны по состоянию на (год)	administrative boundaries shown as of (date)
48. ГРИФ	classification imprint
49. Балтийская система высот	Baltic vertical datum
50. Комбинированная съемка	a combined aerial and plane table survey

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NOTICE SPECIAL HANDLING REQUIRED

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EAST GERMAN TOPOGRAPHIC MAPS

VOL II of VOL I

202-00-07N

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DOSSIER NO. ZF010829

As of MAR 26 1980 all material
(Date)

included in this file conforms with
DA policies currently in effect.

Myrna Taylor MAR 26 1980
(Signature) (Date Signed)
MYRNA TAYLOR GS-05
(Printed Name) (Grade)

5 USC 552 (b) (7) (C)

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RENEWED

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REPORT NO. ID

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Berlin

FROM

C&D Bn 513th MI Group

EVALUATION

PREPARED BY

SOURCE

R-SERIES NO.

RV-688-60, Appendix 1

SUMMARY (CONFIDENTIAL)

Director of VVK BERLIN. DOB: [REDACTED] German national; HT: Approximately 172 cm; WT: approximately 170 lbs; BUILD: heavy; HAIR: black; Short sighted, cannot see without glasses; Surveying Engr; married, one son; is very friendly; SED party member; did not talk about it; until 1954 director of Top Sec SCHWERIN, from 1954 to present Director of VVK. [REDACTED]

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REPORT NO. ID

SUBJECT [REDACTED] (b)(7)(C)

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NO. OF PAGES

DATE OF INFO 7 May 60

REFERENCES ICM-I-214-90-1

PLACE & DATE ACQ. Berlin (b)(1)

FROM C&D Bn 513th MI Group (b)(7)(C)

EVALUATION

PREPARED BY [REDACTED]

SOURCE [REDACTED]

R-SERIES NO. RV-688-60, Appendix 2

SUMMARY (CONFIDENTIAL) (b)(7)(C) (b)(1) (7) (10)

Personnel Chief, VVK BERLIN. German national; DOB: approximately 1920; HT: approximately 168 cm; WT: approximately 150 lbs; BUILD: medium; HAIR: blond; married, one child; Source only met subject once.

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GROUP - 3
Downgraded at 12 year intervals
Not automatically declassified

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Berlin

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G&D Bn 513th MI Group

EVALUATION

PREPARED

SOURCE

R-SERIES NO.

RV-688-60, Appendix 3

SUMMARY (CONFIDENTIAL)

Technical director of VVK BERLIN. German national; DOB: approximately 1920; HT: approximately 180 cm; WT: approximately 170 lbs; BUILD: medium; HAIR: medium blond; quiet, seemed to be pleasant. Source had met subject once.

~~CONFIDENTIAL~~

GROUP - 3
Downgraded at 12 year interval
Not automatically declassified

280

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EVALUATION

PREPARED BY ~~CONFIDENTIAL~~SOURCE ~~CONFIDENTIAL~~

R-SERIES NO. RV-688-60, Appendix 4

SUMMARY (CONFIDENTIAL)

Director of Top Dept, VVK BERLIN. German national; DOB: approximately 1930; HT: approximately 172 cm; WT: approximately 160 lbs; BUILD: medium; HAIR: dark blond; has protruding upper teeth; is friendly with co-workers; Source had seen subject several times.

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GROUP - 3
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EVALUATION

FROM C&D Bn 513th MI Group

SOURCE ~~CONFIDENTIAL~~PREPARED BY ~~CONFIDENTIAL~~

R-SERIES NO. RV-688-60, Appendix 5

SUMMARY (CONFIDENTIAL)

Director of Cartographic Dept, VVK BERLIN. German national; DOB: approximately 1915; HT: approximately 172 cm; WT: approximately 160 lbs; BUILD: medium; HAIR: dark blond; when subject appeared, tension seemed to build up in office; Source has seen subject occasionally.

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GROUP - 3
Downgraded at 12 year intervals
Not automatically declassified

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EVALUATION

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SOURCE

R-SERIES NO.

RV-688-60, Appendix 6

SUMMARY (CONFIDENTIAL)

Unknown position in VVK BERLIN. German national; DOB: approximately 1920; HT: approximately 168; WT: approximately 140 lbs; BUILD: slender; HAIR: blond; seemed to be quiet, was well liked by co-workers; Source had seen subject several times.

~~CONFIDENTIAL~~

GROUP - 3
Downgraded at 12 year intervals
Not automatically declassified

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283

R

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EVALUATION

SOURCE [REDACTED]

FROM C&D Bn 513th MI Group

PREPARED BY [REDACTED]

R-SERIES NO. RV-688-60, Appendix 7

SUMMARY (CONFIDENTIAL)

Director of Topographic Service SCHWERIN. German national; DOB: [REDACTED] in [REDACTED] approximately 175 cm; WT: approximately 160 lbs; BUILD: medium; HAIR: blond w/gray; wears glasses; Surveying Engr; married, 2 boys, 2 girls; RELIGION: none; quiet, very well liked, used his party membership to help other co-workers out of trouble; became SED party member to hold his job. [REDACTED]

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GROUP - 3
Downgraded at 12 year intervals
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EVALUATION

FROM C&D Bn 513th MI Group

SOURCE [REDACTED]

PREPARED BY [REDACTED]

R-SERIES NO. RV-688-60, Appendix 8

SUMMARY (CONFIDENTIAL)

(b)(7)(C) Tech Director, Topographic Service SCHWERIN. German national; DOB: [REDACTED] approximately 168 cm; WT: approximately 150 lbs; BUILD: slender; HAIR: medium blond; Surveying Engr; married, one boy, 15 years old; subject is friendly and good to get along with; SED party member to hold his job; Source had often seen subject in office.

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GROUP - 3
Downgraded at 12 year intervals
Not automatically declassified

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REFERENCES IGM-I-214-90-1

PLACE & DATE ACQ. Berlin

EVALUATION

SOURCE [REDACTED]

FROM G&D Bn 513th MI Group

PREPARED BY [REDACTED]

R-SERIES NO. RV-688-60, Appendix 9

SUMMARY (CONFIDENTIAL)

Personnel chief SCHWERIN. German national; DOB: approximately 1928; HT: approximately 178 cm; WT: 160 lbs; BUILD: slender; HAIR: dark blond; married, 2 or 3 children; friendly to co-workers; SED party member; Source had seen subject several times.

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GROUP - 3
Downgraded at 12 year intervals
Not automatically declassified

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SOURCE

SUMMARY (CONFIDENTIAL)

REFERENCES IGM-I-214-90-1

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R-SERIES NO. RV-688-60, Appendix 10

Instructor for schooling and culture, SCHWERIN. German national; DOB: [REDACTED] in [REDACTED] approximately 175 cm; WT: approximately 160 lbs; BUILD: slender; HAIR: medium blond; subject wears corset, had an accident and hurt his spine; married, 2 boys, one girl; subject was very friendly, but source stated that she had the feeling that he could not be trusted; SED party member. Had often met subject in her office.

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GROUP - 3
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Not automatically declassified

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REFERENCES ICM-I-214-40-1

EVALUATION

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SOURCE [REDACTED]

PREPARED BY [REDACTED]
R-SERIES NO. RV-688-60, Appendix 11

SUMMARY (CONFIDENTIAL)

Chief of Maintenance Dept, SCHWERIN; care and cleaning of buildings and equipment. German national; DOB: approximately 1930; HT: approximately 190 cm; WT: approximately 170 lbs; BUILD: slender; HAIR: medium blond; married, one boy, one girl; subject is friendly to co-workers; Source had met subject occasionally.

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PLACE & DATE ACQ. Berlin

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EVALUATION

PREPARED BY [REDACTED]

SOURCE [REDACTED]

R-SERIES NO. RV-688-60, Appendix 12

SUMMARY (CONFIDENTIAL)

Planning director, SCHWERIN. German national; DOB: beginning Feb 1910; HT: approximately 175 cm; WT: approximately 160 lbs; BUILD: medium; HAIR: blond; Surveying Engr; married, has children, how many unknown to source; subject is friendly and quiet; Source met subject occasionally.

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GROUP 3
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EVALUATION

PREPARED BY ~~CONFIDENTIAL~~SOURCE ~~CONFIDENTIAL~~

R-SERIES NO.

RV-688-60, Appendix 13

SUMMARY (CONFIDENTIAL)

Director of Trig Dept, SCHWERIN. German national; DOB: approximately 1910; WT: approximately 173 lbs; BUILD: medium; HAIR: bald; wears glasses; Diplom Engr; married, has children, how many unknown to source; quiet, friendly; SED party member in order to hold his job. Source had met subject occasionally.

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EVALUATION

PREPARED BY

SOURCE

R-SERIES NO. RV-688-60, Appendix 14

SUMMARY (CONFIDENTIAL)

Chief of Topographic Dept # 1, SCHWERIN. German national; DOB: approximately 1925; HT: approximately 178 cm; WT: approximately 170 lbs; BUILD: heavy; HAIR: medium blond; Engr; married, has children, how many unknown; very friendly and quiet; SED party member; source had met subject occasionally.

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SOURCE

PREPARED BY

SUMMARY

R-SERIES NO. RV-688-60, Appendix 15

~~(CONFIDENTIAL)~~

Chief of Topographic Dept # 2; STRALSUND. German national; DOB: Approximately 1921; HT: approximately 175 cm; WT: approximately 175 lbs; BUILD: heavy; HAIR: dark blond; wears glasses; Engr; married, 3 girls; friendly, very helpful; has no party membership; Source had met subject occasionally.

~~CONFIDENTIAL~~

GROUP - 3
Downgraded at 12 year intervals
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EVALUATION

FROM C&D Bn 513th MI Group

SOURCE [REDACTED]

PREPARED BY [REDACTED]

R-SERIES NO. RV-688-60, Appendix 16

SUMMARY (CONFIDENTIAL)

Chief of Cartographic Dept # 1, SCHWERIN. German national; DOB: approximately 1910; HT: approximately 170 cm; WT: approximately 160 lbs; BUILD: medium; HAIR: brown; married; SED party member; source had seen subject once.

CONFIDENTIAL

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EVALUATION

PREPARED BY ~~CONFIDENTIAL~~SOURCE ~~CONFIDENTIAL~~

R-SERIES NO. RV-688-60, Appendix 17

SUMMARY (CONFIDENTIAL)

Chief of Cartographic Dept # 2, HALLE. German national; DOB: Approximately 1922; HT: approximately 165 cm; WT: approximately 150 lbs; BUILD: slender; HAIR: medium blond with gray; nervous, blinks frequently; very friendly to co-workers; source met subject very seldom.

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GROUP - 3
Downgraded at 12 year intervals
Not automatically declassified

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EVALUATION

PREPARED BY **[REDACTED]**SOURCE **[REDACTED]**

R-SERIES NO.

RV-688-60, Appendix 18SUMMARY **(CONFIDENTIAL)**

Chief of Reproduction Dept # 1, SCHWERIN. German national; DOB: approximately 1930; HT: approximately 164 cm; WT: approximately 155 lbs; BUILD: heavy; HAIR: blond; Engr: friendly, well liked by co-workers; Source had met subject occasionally.

~~CONFIDENTIAL~~

GROUP = 3
Downgraded or 12 year intervals
Not automatically declassified

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EVALUATION

PREPARED BY

SOURCE

R-SERIES NO.

RV-688-60, Appendix 19

SUMMARY (CONFIDENTIAL)

Chief of Reproduction Dept # 2, HALLE. German national; DOB: approximately 1915; HT: approximately 172 cm; WT: approximately 160 lbs; BUILD: medium; HAIR: dark blond; married, has children, how many unknown; friendly to co-workers. Source had met subject occasionally.

~~CONFIDENTIAL~~

GROUP - 3
3 - 12 year intervals
automatically declassified

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EVALUATION

PREPARED BY ~~CONFIDENTIAL~~SOURCE ~~CONFIDENTIAL~~

R-SERIES NO. RV-688-60, Appendix 20

SUMMARY (CONFIDENTIAL)

Training director for schools SCHWERIN, ROSTOCK, MIROW.: German national; DOB: 1921; HT: approximately 172 cm; WT: approximately 160 lbs; BUILD: medium; HAIR: dark blond; Surveying Engr; married, has children, how many unknown; friendly and quiet; SED party member. Source had met subject occasionally.

~~CONFIDENTIAL~~

GROUP - 3
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Not automatically declassified

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SOURCE [REDACTED]

PREPARED BY [REDACTED]

R-SERIES NO.

RV-688-60, Appendix 21

SUMMARY (CONFIDENTIAL)

Director of Betriebs Berufsschule (BBS) FALKENSEE; in charge of school BRIESELANG. German national; DOB: approximately 1910. Subject had been relieved of his job in Apr 60 for unknown reasons. Source does not know the name of the new director.

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GROUP - 3
Downgraded at 12 year intervals
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DEPARTMENT OF THE ARMY

(Classification)

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COUNTRY East GermanyREPORT NO. IDSUBJECT [REDACTED]

DATE OF REPORT

NO. OF PAGES

DATE OF INFO 7 May 60REFERENCES ICM-I-214-90-1PLACE & DATE ACQ. BerlinFROM C&D Bn 513th MI Group

EVALUATION

PREPARED BY [REDACTED]SOURCE [REDACTED]R-SERIES NO. RV-688-60, Appendix 22SUMMARY (CONFIDENTIAL)

Chief-Engr, Technical Dept, SCHWERIN. German national; DOB: 1926; HT: approximately 174 cm; WT: approximately 150 lbs; BUILD: slender; HAIR: dark blond; presently taking correspondence course for Diplom Engr; married, one boy, one girl; RELIGION: Catholic; arrogant, looks down on little people; belongs to no party. Source had met subject several times.

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(Classification)

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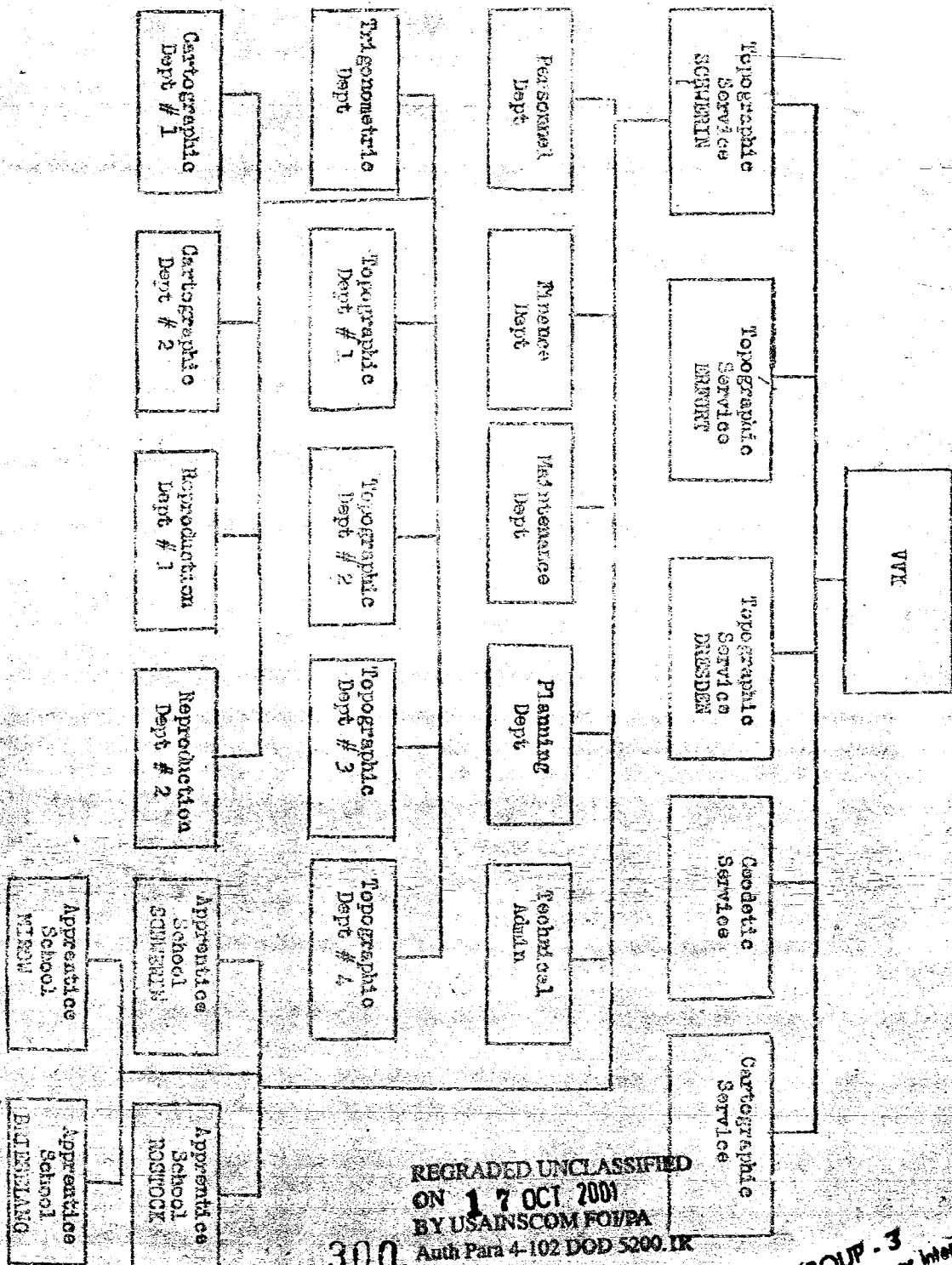
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Not automatically declassified

5 DEC 552 (b) (7) (D)

Topographical Service SCHEDULE (u)

Appendix 23

Organizational Chart of Map Services in CDS (U)



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EGA Cartographic Service, HALLE (C) (u)

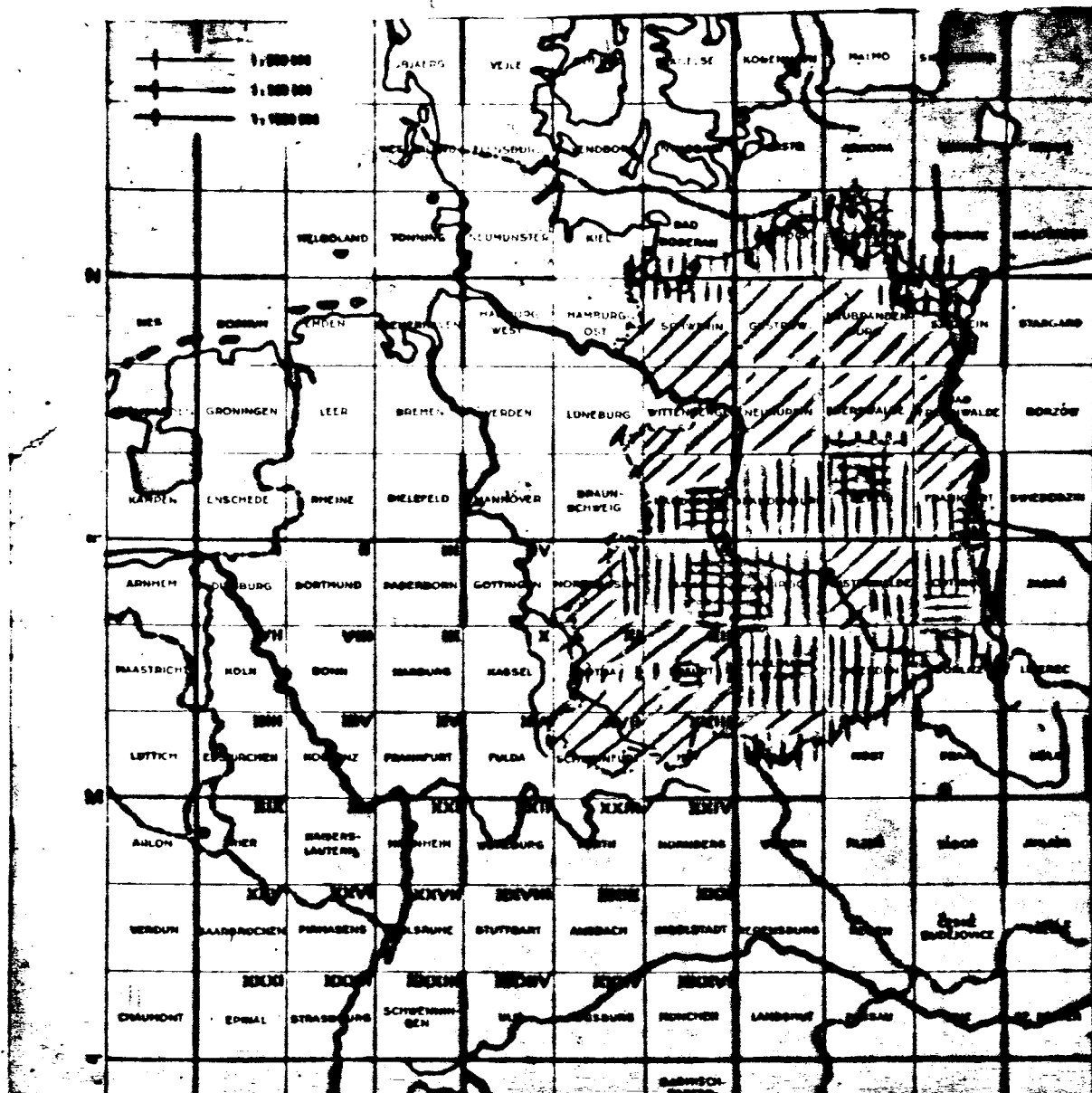
RV-531-29

Page 1 of 1

Inclosure 3

Area Coverage, 1:25,000 Series, EGA
Topographic Maps (C) (u)

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LEGEND:



Areas of which maps were made on the basis of post-war Soviet maps, without corrections being made by EGA Cartographic Service.



Areas which were checked and corrected in the field by surveying services after 1945.



Areas which were re-surveyed by surveying services after 1945.

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EGA Cartographic Service, HALLE (M)

Inlosure 4

Changes in Topographic Symbols, April 1958 (C)

1:25,000 Maps	Symbol Explanation	1:50,000 Maps	1:100,000 Maps
	Stadtkern (City Center)	Same symbol, but 1/2 the size	Same, but smaller
	Aufgelockerte Bauweise (Individual Buildings) roter vollton (red solid color)	Same symbol, but 1/2 the size	Same, but smaller
	Stadtrand-siedlungen (suburban settlements) grüner vollton (green solid color)	Same symbol, but 1/2 the size	Same, but smaller and without green color
	1.2 x 0.8 mm	0.8 x 0.6 mm	(smaller)
	0.8 x 0.6 mm	0.6 x 0.6 mm	-----none
	0.6 x 0.6 mm	-----none	-----none
	Same symbol, Same size	Same symbol, Same size	(Smaller)
	Same symbol, Same size	Same symbol, Same size	Same, but cross line 0.6 mm
	Smaller		Smaller
	None		None

Footnotes:

- * Inhabited or empty buildings, single buildings or settlements.
- ** Open Mining Areas.
- *** Kilometer marks. The triangular mark has been replaced by a straight 1 mm line crossing the road symbol.
- **** The triangular peripheral mark has been replaced by straight lines.
- ***** Gardens with few or no trees.

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EGA Cartographic Service, HALLE (C) (U)

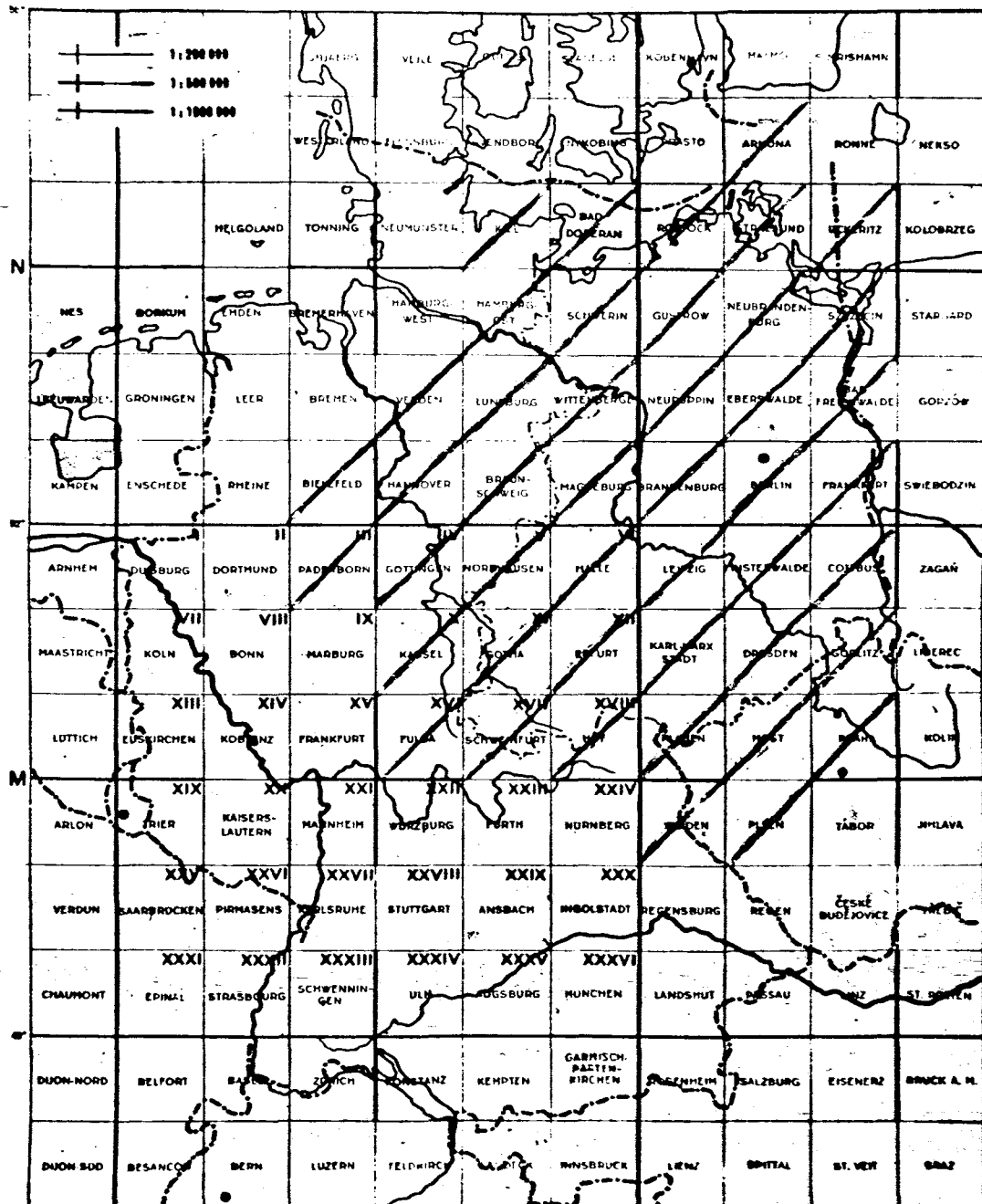
RV-531-59

Inclosure 5

Page 1 of 1

Areas for which 1:200,000 Series Maps
have been completed (C) (U)

Blattnamen der Topographischen Karte 1:200000



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LEGEND:

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Areas for which 1:200,000 maps have been completed.

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EGA Cartographic Service, HALLE (S)(u)

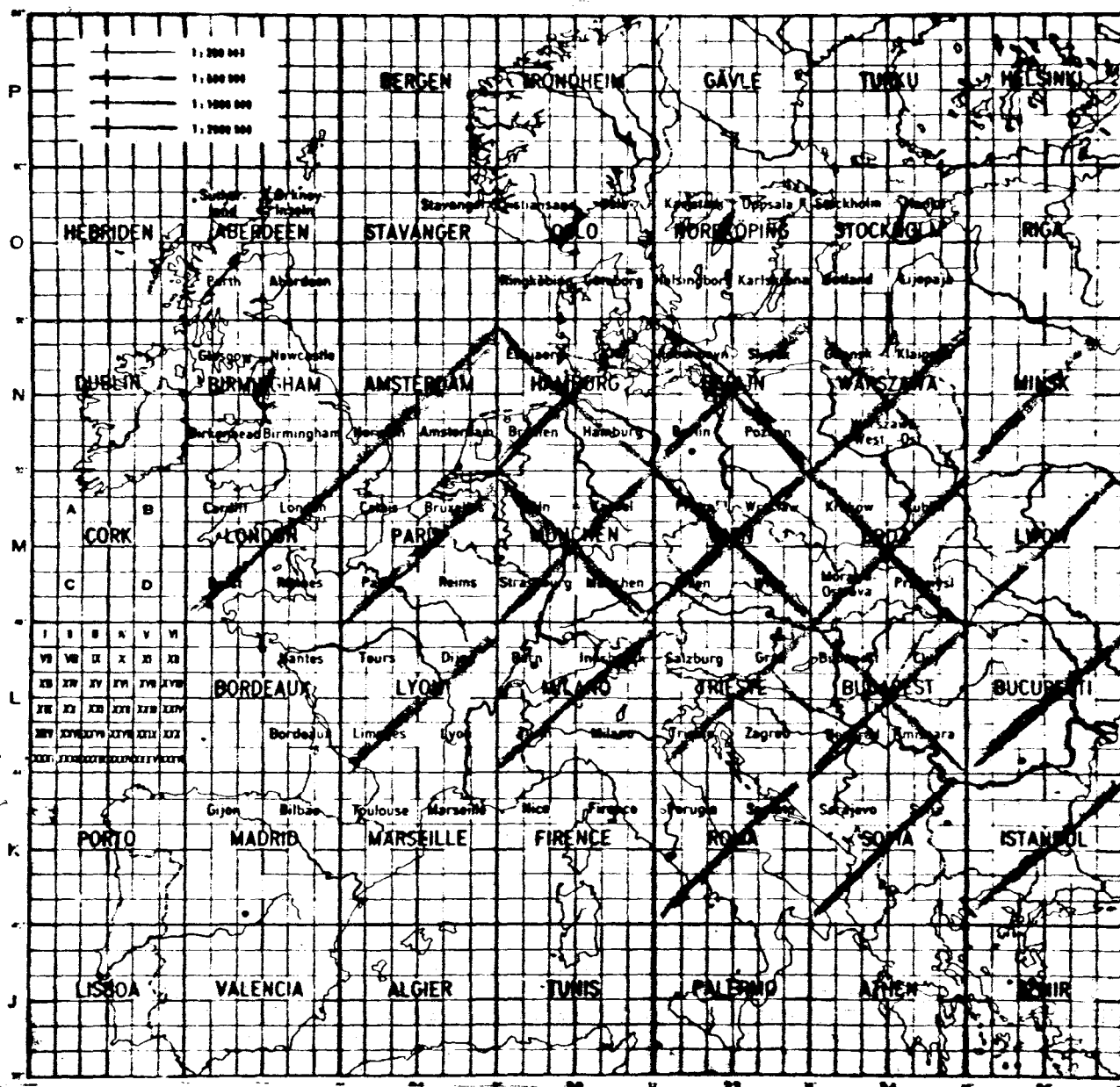
RV-531-59

Inclosure 6

Page 1 of 1

Areas to be covered by 1:1,000,000 Series (S)(u)

Blattnamen der Karten 1:500000 und 1:1000000



LEGEND:

X Maps to be completed by summer 1959

/ Maps to be started in 1959 304

? Maps for which orders are expected in 1959, to be made for the Topographic Service.

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EGA Cartographic Service, HALLE (C) (u)

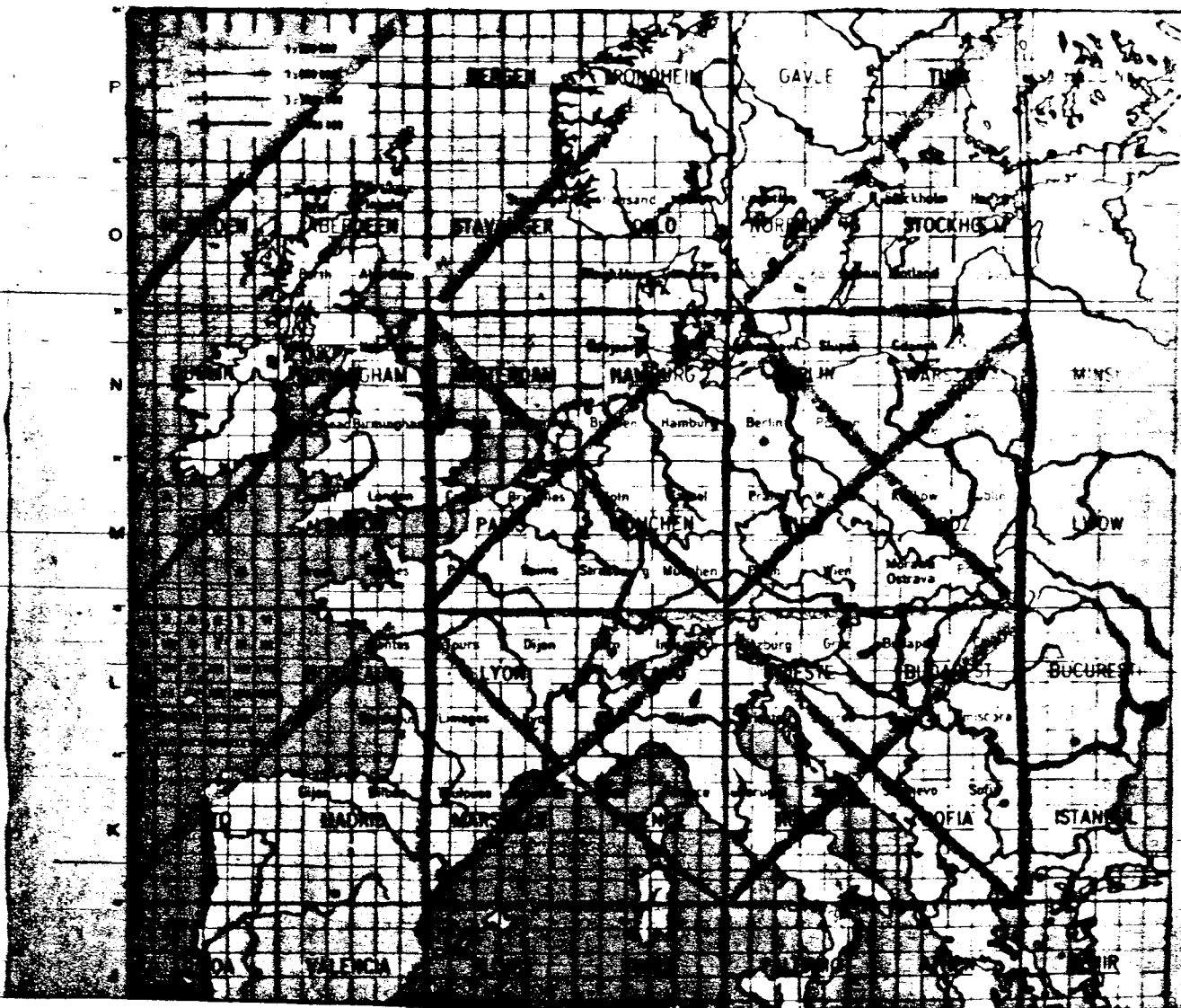
Inclosure 7

RV-531-59

Page 1 of 1

Areas to be covered by 1:2,000,000 Series (C) (u)

Entwurf der Karten 1:200000 und 1:1000000



LEGEND:



Maps in preparation.



Areas on which map work is to begin in 1959

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Intelligence

Symbols and Colors for Planning: R. 212 (H)

Type of Information	Symbol	Color	Information, Scale, and Remarks
Autobahn		Purple	Bridge data from Bruecken- angaben der Fernverkehrs- strassen der DDR, published by VVK (See text, Cross Country Movement section)
State Roads (Bundesstrassen)		Red	1:20,000 road map
1st and 2nd class roads, open all year		Yellow	1:20,000 road map
Roads under construction		Color application as above	1:25,000 road map
Width of road pavement, and total usable width in meters	6 (3)	Black	1:25,000 topographic map
Type of pavement:			
Asphalt	A	Black	1:25,000 topographic map
Concrete	B	Black	
Split stones	S	Black	
Paving stones	P	Black	
Numerous curves of roads		Red	1:25,000 topographic map
Extensive elevation over long stretches of the road		Red	1:25,000 topographic map
Narrow road through town		Red (possibly black)	1:25,000 topographic map
Steel bridge, any type		Black	Bridge data taken from Brueckenangaben der Fern- verkehrsstrassen der DDR, published by VVK (See text, Cross country movement section), also from 1:25,000 Topographic map

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Symbols and Colors for Planned Engineering Maps

Type of Information	Symbol	Color	Remarks
Concrete bridge, (any type)		Red	Symbols are 2 mm long, up to a bridge length of 40 m, then drawn to scale. Black numbers alongside of bridge symbol indicate the area capacity of the bridge in tons. Same symbol for all bridges, except color cross bar indicates pillars.
Stone bridge, (any type)		Red	
Wooden bridge, (any type)		Yellow	
Railroad	Regular	Black	RR lines are traced because of subdued print
Fords		Black	River symbol in blue, 1:25,000 map.
Condition of ground is good to dig in		Black	In addition, type of ground is shown alongside of symbol in black letters. If subsoil is different from top soil.. This is also shown. Example: LÖ (good to dig in; loess)
Difficult to dig in		Black	Same remarks as directly above. Example: LÖ FG (Difficult to dig in; Sedimentary rock)
Not possible to dig in		Black	Same remarks as directly above. Example: KG (Not possible to dig in, rubble soil)
Symbols in conjunction with:	L S LÖ SG	Black Black Black Black	Loam (Lehm) Sand (Sand) Loess (Löss) Sedimentary rock (Sedimentgestein)
	KG Sch	Black Black	Rock Crystal (Kristallgestein) Rubble (Schotter)
Beginning of navigability		Black	Data taken from Wasserstrassenkarte der DDR, published, source thinks, by Hydrological Service, East Germany. The black number next to the symbol gives the loading capacity of vessels.

Isolomira 8 (Continued)

Symbols and Colors for Planned IGA COM Maps (2nd)

Type of Information	Symbol	Color	Information Taken, or Remarks
Numbers along navigable rivers	250	Black	Data taken from Wasserstrassenkarte der DDR (see above). Indicates permissible loading capacity of vessels.
Principal types of woods (trees)	Birch Pine Beech Oak	Green	1:25,000 map The type of wood is designated by the first two letters of the name of the trees
Height of trees in meters	30	Green	1:25,000 map Example: Bu $\frac{30}{0.50}$
Diameter of tree trunk in meters	0.50	Green	
Vegetation representing obstacles		Green	(Fruit gardens, plantations)
Depth of sea in meters	47	Blue	1:25,000
River wider than 10 m		Blue	1:25,000. They are retraced.
Depth of river in meters	$\frac{1.5}{12}$	Blue	1:25,000. Example: $\frac{1.5}{12}$
Width of river in meters	$\frac{12}{12}$	Blue	
Current in meters per	0.8	Blue	1:25,000
Vegetation on river banks		Blue	1:25,000
Areas in danger of being flooded		Blue	1:25,000
Wet meadows		Blue	1:25,000
Marsh, swamp, or moor		Blue	1:25,000
Location of ground water	⊙ 15	Circle and dot in blue number in black	Data taken from the Gewaesserkundliches Jahrbuch der DDR published once every several years by Hydrological Service of East Germany. The number printed in black, indicates the water level below ground in decimeters. Example: 15 (ground water to be found at a depth of 15 decimeters or 1.5 meters)

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Inclosure 2 (Continued)

Symbols and Colors for Standard Map (M-1) (M-1)

Type of Information	Symbol	Color	Information, Notes, or Remarks
Very steep incline impossible to climb,		Brown	Information supplied by Topographic Service on a hand-drawn morphological map prepared on the basis of the Pleistocene German 1:200,000 topographic map.
Steep grade, over 45 degrees, hard to climb.		Brown	Remarks same as directly before.
Fairly steep grade but can be climbed		Brown	Remarks same as directly before.
Slopes, embankments		Brown	1:25,000
Gravel ground		Brown	1:25,000
Valley floor Valley floor and Riverbed or river bank		Brown	(combined symbols)
Good observation point	250	Brown	1:25,000; number next to symbol indicates height in meters

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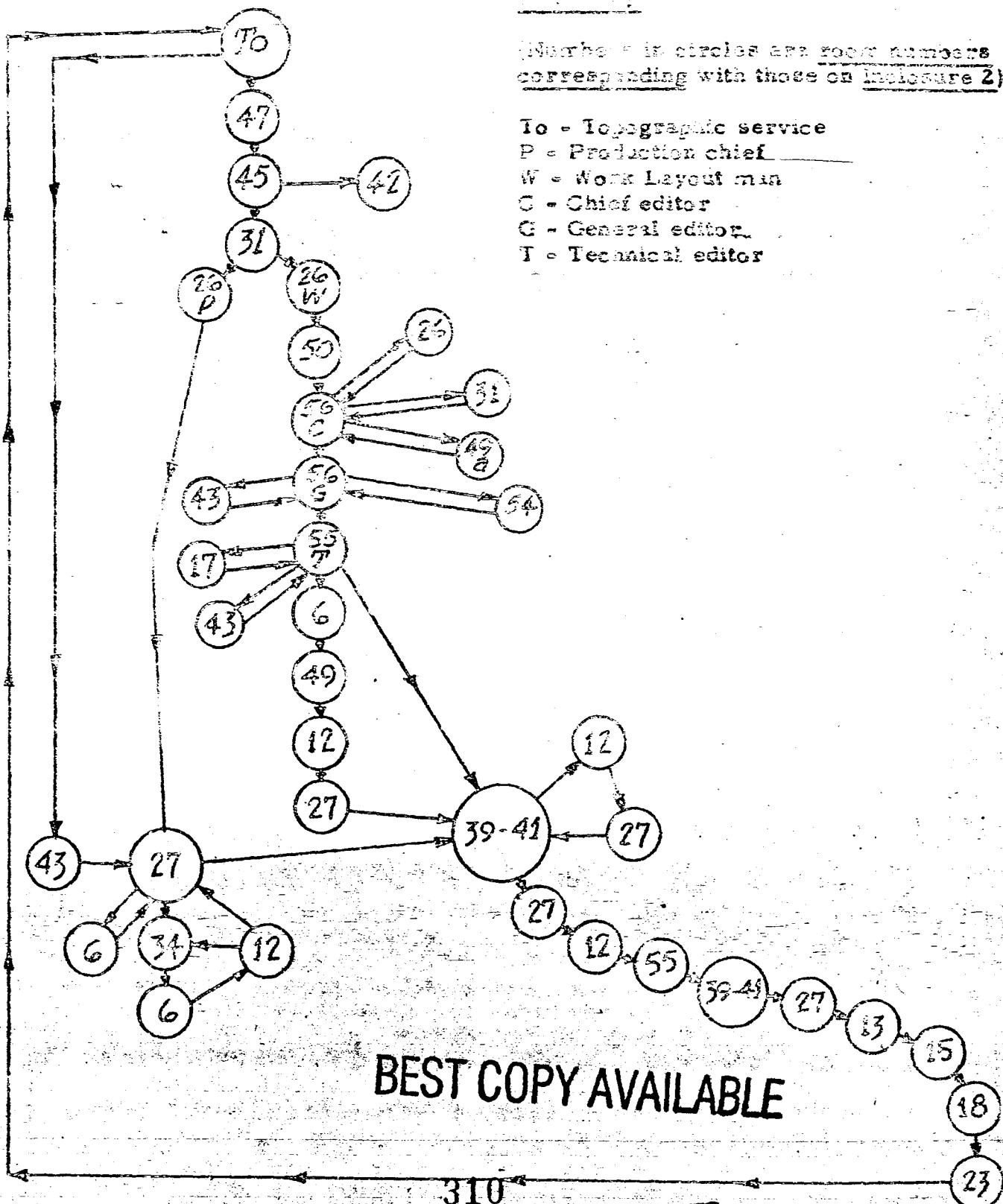
Enclosure 9

Chart showing flow of map work through offices of EGN Cartographic Service

LEGEND:

(Numbers in circles are room numbers corresponding with those on Enclosure 2)

To - Topographic service
P - Production chief
W - Work Layout man
C - Chief editor
G - General editor
T - Technical editor



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Inclusion

Chart Showing Function of Each Map-Work Office

Work Progress (From Memo)

Nomenclature (Title)
M-32-II-A-C (Flauen)

Scale of Map
1:25,000

(NOTE: See page two, bottom of page,
for explanation of use of the various
columns.)

Nr.	Department	Type of Job	Schedule Time	Actual Time	Initials
1	General Editor	Editorial preliminary work			
2	Tech Editor	Correctional draft for all elements	2	23	M
3	Tech Editor	Lettering Manuscript (Transcription)	16	15	RO
4	Tech Editor	Control of two and three	7	6	U
5	Book Print	Making of lettering set on baryta	8	8	TU
6	Tech Editor	Control of 5	1	1	JY
7	Photography	Diapositive of 5	etc.	etc.	
8	Script Group (Sec III)	Mounting of 7 on astralon			
9		Control of 8			
10	Copy	Copy of 8 (final copy)			
11	TKO	Control of 10			
12	Photography	Negative of Soviet Map Sheet			
13	Drafting Sec II	Dodging of the several elements (situation, relief, hydrography)			
14	Photography	Making of the diapositive of 13			
15	TKO	Control of 14			
16	Copy	Making of the final copies on astralon of situation, relief and hydrography			
17	TKO	Control of 16			
18	Drafting Sec II	Corrections on 16			

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Inclosure 10 (Backsheet)

Chart Showing Function of Each Map Room Staff

Nr.	Department	Type of Job	Schedule Time (Hours)	Actual Time (Hours)	Initials
19	Sec II	Making of filler copy of green plate (Woods and Parks)			
20	Sec II	Controlling Correctness and fit of all final copies, (situation, relief, hydrology, green and lettering)			
21	TKO	Control of 18 and 19 on printability			
22	Copy	Polychrome copy			
23	Tech Editor	Proof reading of Polychrome copy			
24	Drafting Section	Corrections on the basis of 23			
25	TKO	Control of printability of 23			
26	Line Copy	Making of the printing plates			
27	Printing Shop	Printing of the edition			
28	Bookbinding	Sizing of Maps			
29	Shipping Room	Packing and shipping			
To be filled out by work layout man					

To be prepared by normer. . .

To be filled out by dept chief. . .

Space for initials. . .

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Reproduction of Map Origination Proof Form (100)

(NOTE: East German Classification: Secret;
this was the classification of the original
source document only.)

Origination Proof

Map Nr.

NAME.

Scale 1:50,000

Basic Material: Topographic map 1:25,000 (Edition 1955)

Production Work 1956: Cartographic Service, PCTBDAM

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Inclosure II (Continued)

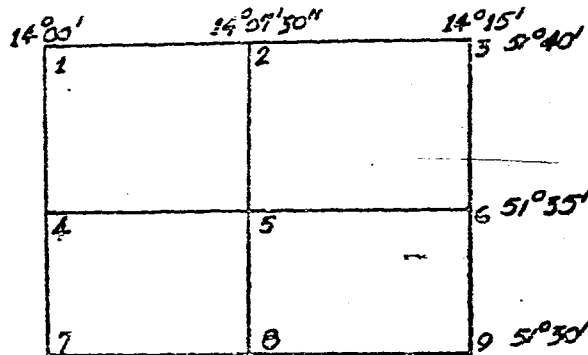
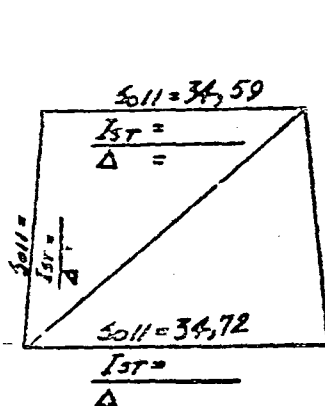
Reproduction of Map Origination Proof Forms (C/L)

Basic Values

Neat Line

Required:

Actual



Coordinate System 1942, Meridian Strip 3

Nr.	Geographic Coordinates	Right Angle X Value	Coordinates Y Value
1	51° 40' 14° 00'	57 26737	34 31330
2			
3			
4			
5			
6			
7			
8			
9		314	

Area of Map (Clean Line)

Grade of Arduousness

Number of Geodetic Points

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List of the Geodetic Points (System 1967)

No.	Denomination of Point	Class	Height X	Height Y	Height, meters NN above Sea Level
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

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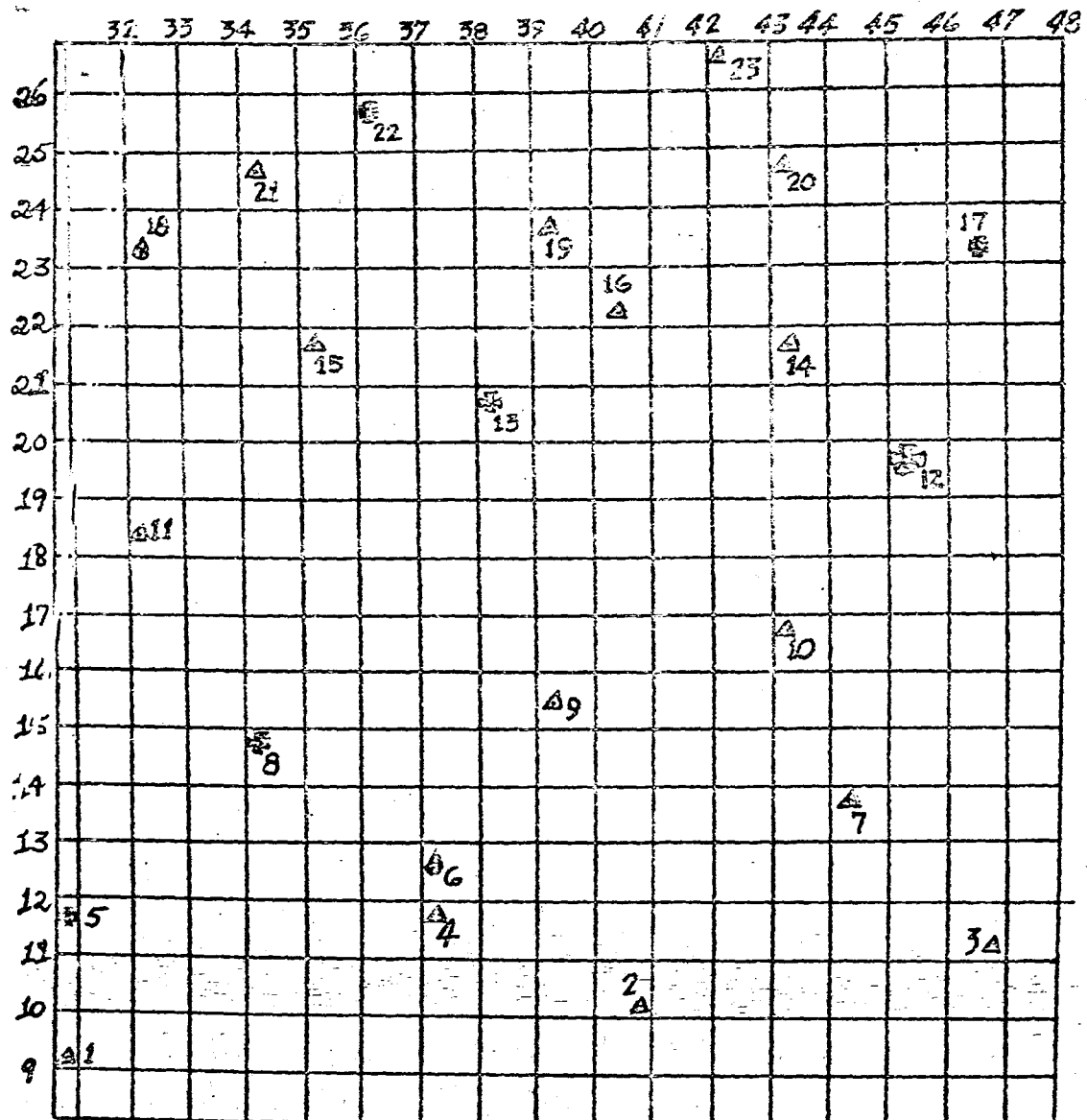
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Inclosure II (Continued)

Reproduction of Map Origination Proof Form (U)

Pictorial Survey of the Geodetic Points in Scale 1:10,000

Numbers on top and left indicate the coordinates of the Map Grid.



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Inlosure II (Continued)-

Reproduction of Map Origination Prod Form (U)

Technical Work Layout of the Cartographic Prod Form

Cont'd Nr.	Type of Work	Production Time				Remarks
		According to		Actual		
		Plan		Fulfillment		
		Number of Days	Time Re- quired	Number of Days	Produc- tion Time	
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Documents for Editorial Cartographic Work

(NOTE: Exact Use of Columns not recalled by source.)

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(u)

Inclusion 11 (Continued)

Reproduction of Map Origination Form Form 121 (u)

Nr	Work Step	Control Dates			
		Cartographic	Editor	Editorial	Team Control Off
1.	Deposition of Map Corners on the Working sheet				
2.	Deposition of TP on the Working Sheet				
3.	Mounting of 4 Maps 1:25,000				
4.	Establishment of the Editorial Plan				
5.	Mounting of Root Lines on the Blue Copy				
6.	Drawing of the Grid on the Blue Copy				
7.	Deposition of the TP				
8.	Generalization of Hydrology				
9.	Generalization of Vegetation				
10.	Generalization of the Generalization of the				
11.	Vegetation				
12.	Generalization of TP				

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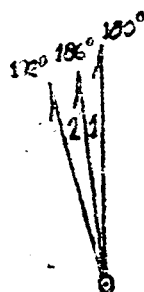
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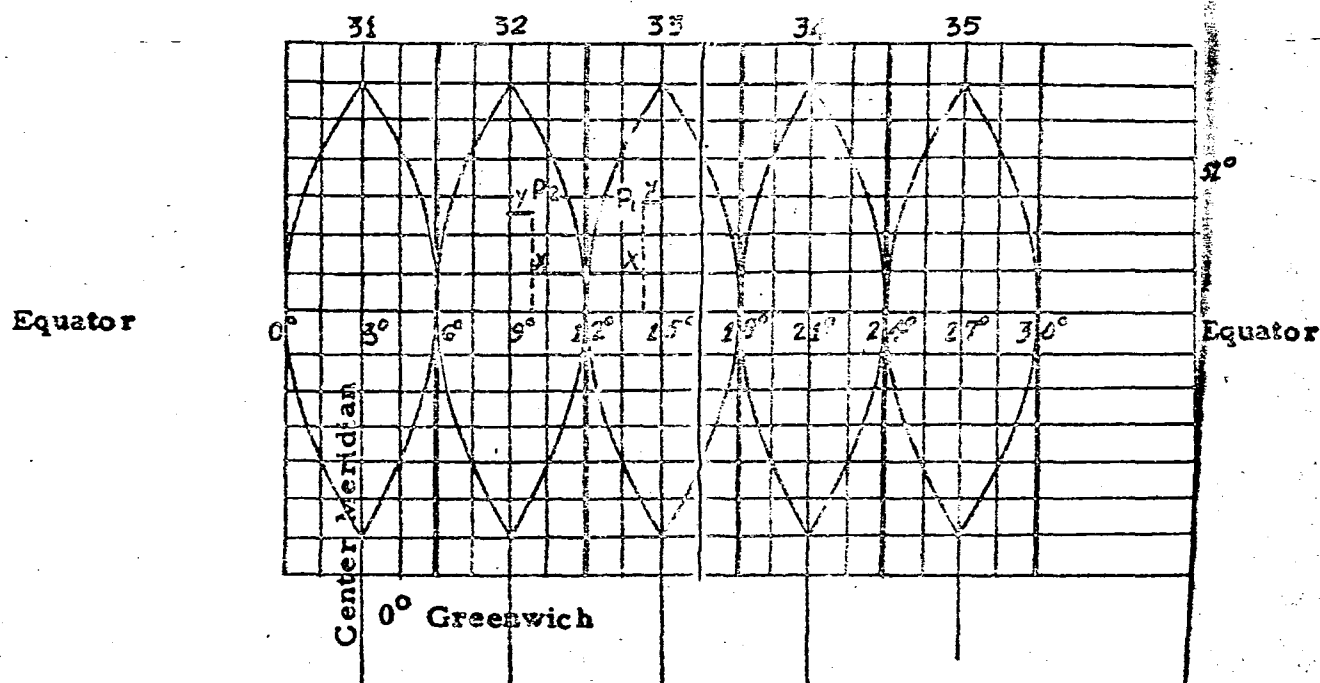
EGA Cartographic Service, HANDLE (u)

Inclosure 13

System of Writing Krasovskiy Coordinates (u)



North Pole



Example:

Coordinates of point-P₁
5140 N-1400 E

East 1343133

(334 31330 = 34 3330)

North 5726737

(57 26737)

Coordinates of point-P₂

East 12694563

(326 94563 = 26 94563)

North 5698113

(56 98113)

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Inclosure 14

(Article) New Instruments for Engraving
Symbols and Numbers (U)

Die Entwicklung berichtet

Signaturen und Zahlen

Vorher wie im letzten Artikel mit der Übersetzung der Kreuze und Punkten im Buchstabenalphabet ermittelt wurden, wollen wir uns nun den Signaturen zuwenden.

[illegible]

1. The first of these is the fact that the

Die ersten drei werden durch die folgenden drei ersetzt, welche die Arbeit der ersten drei in einem Arm übernehmen. Die ersten drei werden durch die folgenden drei ersetzt, welche die Arbeit der ersten drei in einem Arm übernehmen. Die ersten drei werden durch die folgenden drei ersetzt, welche die Arbeit der ersten drei in einem Arm übernehmen.

1. Für die Monate 1. Jan. bis 1. 10. 1939 insgesamt

Für die Maasszahl : $\frac{1}{n} \sum_{j=1}^n x_j$; für die Maasszahl : $\frac{1}{n} \sum_{j=1}^n x_j^2$

Abb. 1 zeigt den Längsschnitt durch den Gurtbogen und die zugehörige Mischung der Faser des Seilstranges.

Abb. 2 zeigt das Ergebnis der Abstraktion im Vorder- und hinteren Teil des Abstrakts, das die ersten Zahlen und die ersten 10000 Zahlen des Vordrucks enthält. Die Ziffern 0-9 sind in der ersten Gruppe von Zahlen (0-9) und in der zweiten Gruppe (10-99) zu sehen. Die Ziffern 0-9 sind in der ersten Gruppe von Zahlen (0-9) und in der zweiten Gruppe (10-99) zu sehen. Die Ziffern 0-9 sind in der ersten Gruppe von Zahlen (0-9) und in der zweiten Gruppe (10-99) zu sehen.

Abb. 3 gestattet uns einen Einblick in das Gerüst von der Rückseite in der Mitte zu sehen. Auf der Rückseite ist eine Vertiefung zu sehen, die sich nach der Mitte hin öffnet und die die Vertiefung der Rückseite darstellt.

In Abb. 4 ist das totale an der Seite gewölbte des Übertragungsverhältnisses anderer zu einem für einen Das man drückt der Seiten zu einem in der gleiche u. abwärts der rechte Hand des unteren Teil des Geraden verläuft

Abb. 3 zeigt uns den Einfluß der Schätzung in der Gravitation. Die rechte Hand zeigt die Klemmstruktur des Universum der Optik ausstrahlt: 1. Kommt bei sehr hohen Krümmungen wird das Geraden - lang gestreckt bis der Schnittpunkt der Krümmung unter dem Längspunkt eines Lichtstrahls steht, so ist das Geraden konvergierend und die Krümmung durch das Geraden nicht lastbar.

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Inclosure 14

(Article) New Instruments for Engraving
Symbols and Numbers (U)



Adm 8 Miß die mit dem Aufsteigen der Graven zu
hause werden die rechten Hand drück den linken
Zusammengraben nach rechts. Dabei zählt sich der Führer
sich in die Schenkel. Das Bild einer Signatur besteht
aus einem und vierzehn Punkten. In diesem wird die
Führeroffizier entlang geführt. Die gleiche Zeit
auf der Gasse die verkehrte Abbild der
oder der Zeit. In der Graven besteht, weil
Zusammengraben nach links gedrückt, wodurch die

Abg. 1 stellt einige Arbeitsproben im vorstehenden Bild
stellung des Castings

Aus der Arbeit der Kammer der Techniker

Lehrveranstaltung des Fachstudienfaches „Vermessungswesen“

Am 20 und 21 November 1988 fand in Leipzig die Jahrestagung des Fachverbandes „Verwaltungswesen der Kunst- und Technik“ statt.

[illegible]

Es wird gezeigt, daß sich in Leipzig ganz deutlich, der Barockschuß in der Wempe und der Wille zur Reinheit und verbunden mit dem Wille zum Fortschritt, die Liebe und das Verlangen, so wie der Arbeit in der Natur, die Freude an der Arbeit, einen neuen großen Aufbruch nehmen. Einige neue und sehr wertvolle Anzeichen dafür, daß die guten Kräfte sich zu zeigen allen Krüpfen und Neuen des Lebens um das Leben für die Arbeit der Menschheit nicht liegen zu lassen, bezeugt die Behauptung der Wille zur Reinheit und der großen Aufgaben eines neuen Aufbruch.

Ständemänner erfreuten sich, daß außer dem ständischen Vermittlungsversuch auch viele Kollegen aus Oppositionen und Betrieben anwesend waren. Hierbei begrüßt wurde eine Delegation von drei gewählten Kollegen der polnischen Arbeiterorganisationen des KAT, NCT, der die gemeinsame Forderung:

Doch auch in den Einrichtungen der Tagung selbst wurde von Herrn Prof. Dr. Paul Zell von der Fachhochschule München geleitet. Nach der Eröffnung begrüßte der Vorsitzende des Fachsaal Komitees, Vizepräsident Herr Dipl. Ing. Zapp von der Verwaltung Volkswagen und Katermann die anwesenden Kollegen. Nach dem Eingriff des Faches der politischen Delegation Herr Ministerpräsident Blumack, der West und Begrüßte die

Tegging Nr gab besonders der Haltung Ausdruck, daß in Zukunft beide Organisationen, DKV und Koverner der Technik, in einer neuen Zusammenarbeit zusammen

[illegible]

Die Hauptaufgaben in der Leistung von Produkt-Arbeit werden die Koordination der technischen Arbeit, die Bewirkung der Produkt- und damit der besten Lösung der Aufgaben der Volkswirtschaft sein.

Es kommt jetzt darauf an, nicht nur von der bewirkten technischen Gesamtproduktarbeit zu reden, sondern auch Leistungen zu vollbringen.

Nach einer Analyse der bisherigen Arbeit kann der Bericht an der Selbstverwaltung, daß es für die weiteren Schritte eine grundsätzliche Änderung zu geben

1 In den Betriebs- und Fachaktionen muß ein reges Leben entstehen, die Teilnehmer müssen von der Mitgliedschaft der Betriebszellen begeistert werden.

2 In den überstrukturalistischen Annahmen sollten die Aussagen der Betriebsnachrichten weiterverarbeitet werden, die Praktiker sollten im Prozess mitgeleitet werden, es sollte eine Koordinierung der Aussagen erfolgen, die Ergebnisse sind nach oben und nach unten weiterzugeben.

1. Das die Arbeit im Finanzamt innerhalb des Post-Verkehrs "Bewahren" zu verhindern, kommt es zu dem auf die verschiedenen geschäftlichen Seite des ständigen Hauptamtsleiter Mitarbeiter möglichst bald zu bringen. Für alle Kollegen soll es die Zusammenarbeit in der dem, die Verbindung mit dem Ausland und Wirtschaft, das, im wesentlichen.

Wir stehen in der Kraft unserer Bräutigamsworte. Leipzig 1926 an dem der Anfang

323

~~CONFIDENTIAL~~

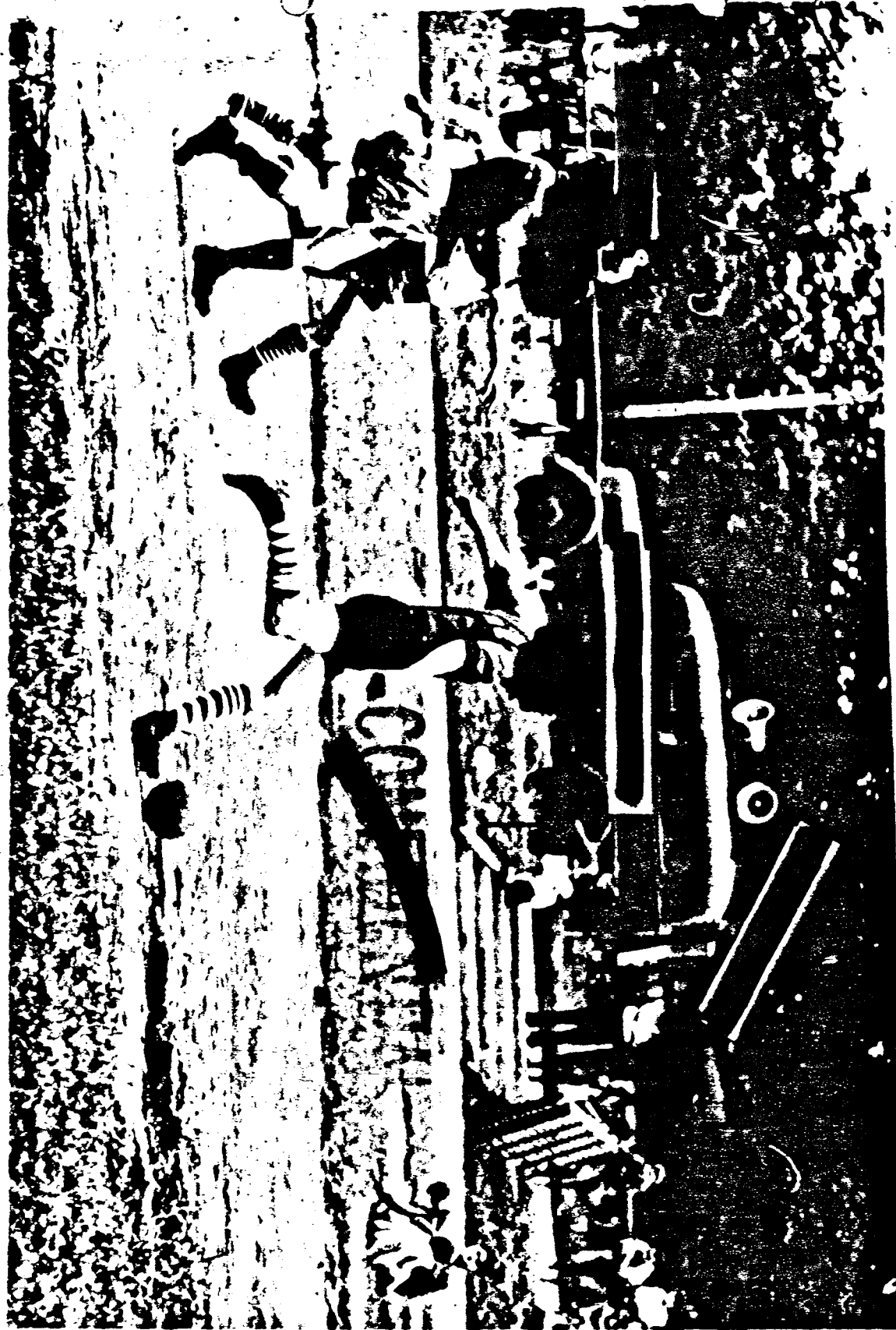
EOA Cartographic Service, HALL (S) (U)

Enclosure 15

Photograph of Personnel, EOA Cartographic Service (S) (U)

RV-SN-39
Page 1 of 1

~~CONFIDENTIAL~~



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EGA Cartographic Service, HALLE (u)

Inclosure 16

RV-531-59
Page 1 of 1

Photograph of Personalities, EGA Cartographic Service (u)

5USC 552 (b) (7) (C)



CONFIDENTIAL

SEA Cartographic Service, RALEIGH (b) (7)

Belmont IV

Photograph of Presentation, SEA Cartographic Service (b) (7)

RV-5N-59
Page 1 of 1

5USC 552 (b) (7) (C)



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IN Para 4-10Z DOD 2000-08

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~~CONFIDENTIAL~~

ECA Cartographic Service, HALL (u)

Inlosure 18

Photograph of Personnel, ECA Cartographic Service (u)

RV-6H-69
Page 1 of 1

~~CONFIDENTIAL~~



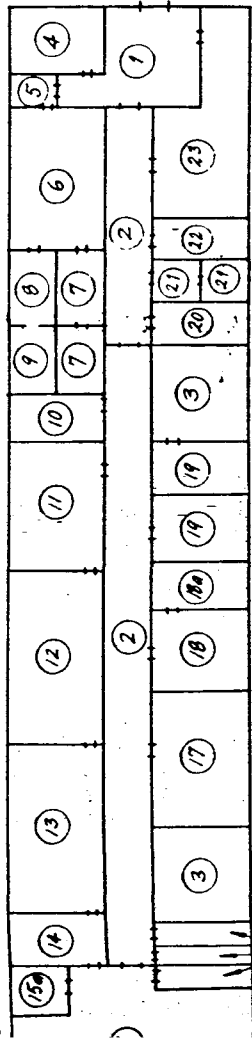
~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

REGRADED/DECLASSIFIED
ON 17 OCT 2001
BY USAINSCOM FOI/PA
Auth Para 4-102 DOD 5200.1R

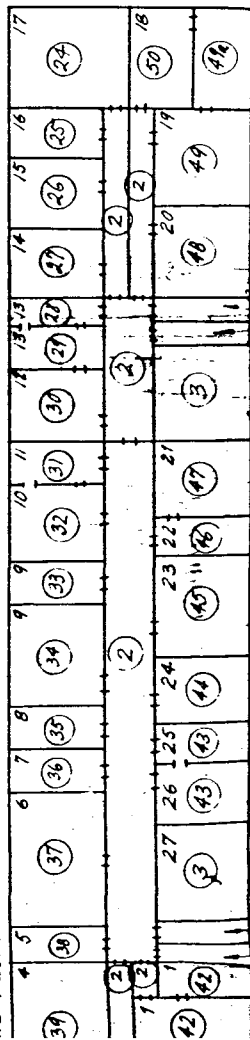
~~CONFIDENTIAL~~

DING-A 1ST FLOOR

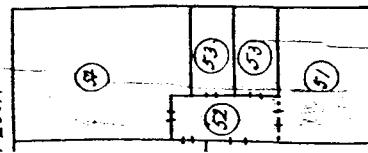


APPROXIMATE SCALE - 1:400

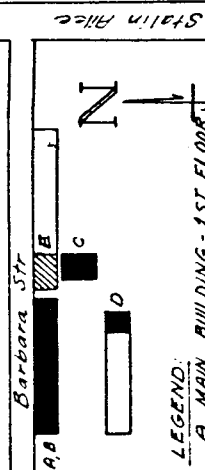
ND FLOOR



328 FLOOR



LOCATION SKETCH



LEGEND:

- A MAIN BUILDING - 1ST FLOOR PRINTING PLANT
- B MAIN BUILDING - 2ND FLOOR CARTOGRAPHIC SECTION
- C OFFICERS MESS BUILDING - 2ND FLOOR - TECHNICAL AND GENERAL EDITING SECTION
- D GROUND FLOOR OF GARAGE SPACE (20x15m) IN GARAGE, USED FOR TEMPORARY STORAGE OF PAPER
- E BUILDING CONSTRUCTION SITE FOR CARTOGRAPHIC SECTION

NOTE: OFFICE NUMBERS ARE NOT CIRCLED

EGA Cartographic Service, HALLE (U)
Inclosure 2
Memory Sketch of Building Facilities (U)

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RV-531-59
Pg 1 of 3 pgs

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FISCHER OFFIZIER
(LOCAL OFFICER)
(40)

TECHNISCHER LEITER
(TECHNICAL CHIEF)
1st LTN (45)

EU SC 552 (b) (7) (C)

GRAPHIE
(7)
(4)

ABTEILUNG II - DRUCKEREI
(DEPT. II - PRINTSHOP)
(15)

PLANUNG
(CHIEF OF STAFF)

Part (40)

UNTERABTEILUNG II
(SECTION II)
1st LTN (39 8)

KOPIE
ZINKKOPIE, FOLIENKOPIE,
MONTAGE GRUPPE
COPY
(ZINC COPY, FILM COPY,
MOUNTING GROUP)
(13, 12 & 11)

PRODUKT
(CHIEF OF PRODUCT)

1. ZEICHENBRIGADE
(1st DRAFTING BRIGADE)

1. ZEICHENBRIGADE
(1st DRAFTING BRIGADE)

ARBEITSK
(WORK LA F)

2. ZEICHENBRIGADE
(2d DRAFTING BRIGADE)

2. ZEICHENBRIGADE
(2d DRAFTING BRIGADE)

SCHLEIFEREI
(PLATEGRAINING SHOP)
(14)

ARBEITSK
(COMPUTO)

3. ZEICHENBRIGADE
(3d DRAFTING BRIGADE)

3. ZEICHENBRIGADE
(3d DRAFTING BRIGADE)

BUCHBINDEEREI
(BOOKBINDING SHOP)
(18)

TR - TECH
KONTROLL
(TECHNICAL)

VERSAND
(SHIPPING)
(fnu) (23)

LABOR
DOOR

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EGA Cartographic Service, HALLER (U)

Inclosure 2 (Continued)

Memory Sketch of Building Facilities (U)

LEGEND:

Building A-E

A - First Floor

1. Entrance
2. Hallway
3. Stairwell
4. Watchmen-office
5. Ante-room and storage room of photographic laboratory
6. Photo-reproduction room
7. Darkroom of photo laboratory
8. Photographic paper storage
9. Photostatic copy room
10. Ladies shower room
11. Photo mounting room
12. Film copy room
13. Zinc copy room
14. Plate graining shop
15. Printing shop
16. Toilets
17. Book print type setting
18. Book binding shop
19. Locker room (printing shop)
20. Office of building superintendent
21. First aid room
22. Room for cleaning women
23. Map shipping room.

B - Second Floor

2. Stairwell
3. Hallway
24. Apprentice training shop
25. Chief instructor's office
26. Office of the chief of production and work layout man
27. TKO - Technical Control Organization
28. Supply office (purchasing agent)
29. Chief bookkeeper
30. Cashier's Office
31. Office of chief of planning
32. Lichtkammer (Photo typesetting room)
33. Office of retouching shop
34. Retouching shop
35. Office of chief of labor
36. Personnel (Reader) office
37. Club room
38. Telephone switchboard and mail room
- 39-41. Drafting rooms
42. Laboratory
43. Unassigned file section (central file)

DA INTELLIGENCE REPORT

(Use this form only to document
with information in AR 50-2)

CLASSIFICATION

RV-531-59

USAREURIC
513th MI Co

PAGE

3 of

3

EGA Cartographic Service, HALLE (CY) (U)

Inclosure 2 (Continued)

Memory Sketch of Building Facilities (U)

LEGEND (Continued):

B - Second Floor (Continued)

- 45. Office of technical chief
- 46. Ante-room to plant manager's office
- 47. Office of plant manager
- 48. EGA officers club room
- 49. Lettering mounting shop
- 49a. Coordinates group
- 50. Office of labor time computer (Normer)

Building C

- 51. Stairwell
- 52. Hall
- 53. Toilets
- 54. Archive (Map library)
- 55. Office of technical editor
- 56. Office of chief editor and general editor

GROUP - 3
Downgraded at 12 year intervals
Not automatically declassified

~~SECRET~~

~~NOFORN~~

NOTICE SPECIAL HANDLING REQUIRED

(AR 381-45)

THIS DOSSIER HAS BEEN DESIGNATED A CONTROLLED FILE BY THE
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COMMANDER
INVESTIGATIVE RECORDS REPOSITORY
ATTN: CONTROL OFFICER
FORT MEADE, MARYLAND 20755

MARK INNER ENVELOPE: TO BE OPENED BY ADDRESSEE ONLY

NO MATERIAL WILL BE REMOVED FROM THIS DOSSIER WITHOUT THE
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DEPARTMENT OF THE ARMY.

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ON 17 OCT 2001
BY USAINSCOM FOIPA
ADG Pmt 4-102 DOD 5200.12

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~~SECRET~~

332

EAST GERMAN TOPOGRAPHIC MAPS

VOL III OF VOL IV

20-07N

THIS MUST REMAIN T O P D O C U M E N T

DOSSIER NO. 2F01-0829

As of MAR 26 1980 all material
(Date)

included in this file conforms with
DA policies currently in effect.

Mylene Taylor MAR 26 1980
(Signature) (Date Signed)
Mylene Taylor GS-05
(Printed Name) (Grade)

5USC 552 (b) (7) (C)

REVIEWED
UP AR 331
REVIEWER

DATE

22 Dec 92

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333

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OPAQUE ENVELOPES AND ADDRESSED:

COMMANDER
INVESTIGATIVE RECORDS REPOSITORY
ATTN: CONTROL OFFICER
FORT MEADE, MARYLAND 20755

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NO MATERIAL WILL BE REMOVED FROM THIS DOSSIER WITHOUT THE
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DEPARTMENT OF THE ARMY.

IA Form 102 (1 Jul 77)

DECLASSIFIED BY 17 OCT 2001
BY USARNSCOM POL/PA
AND PER 4-101 DOD 5200.1R

~~SECRET~~

VOL IV of VOL V

EAST GERMAN TOPOGRAPHIC MAPS

567

29 20 - 0 TN

THIS MUST REMAIN TOP DOCUMENT

DOSSIER NO. ZF010829

As of MAR 26 1990 all material
(Date)

included in this file conforms with

DA policies currently in effect.

Myrna Taylor MAR 26 1990
(Signature) (Date Signed)

MYRNA TAYLOR GS-05
(Printed Name) (Grade)

5 USC 552 (b) (7) (C)



22 Dec 92

THIS MUST REMAIN TOP DOCUMENT

Freedom of Information Act/Privacy Act Deleted Page(s) Information Sheet

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☐

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NO DUPLICATION FEE
FOR THIS PAGE

Page(s) 569-703



DEPARTMENT OF THE ARMY
UNITED STATES ARMY INTELLIGENCE AND SECURITY COMMAND
FREEDOM OF INFORMATION/PRIVACY OFFICE
FORT GEORGE G. MEADE, MARYLAND 20755-5995

August 9, 2002

Freedom of Information/
Privacy Office

Mr. John Young
CRYPTOME
251 West 89th Street
Suite 6E
New York, New York 10024

Dear Mr. Young:

References:

- a. Your Freedom of Information Act (FOIA) request of March 29, 2001, for the dossier titled East German Topographic Maps, ZF010829W, which was received in this office via facsimile on March 29, 2001.
- b. Letter this office of April 20, 2001, advising you that we were unable to comply with the 20-day response time in processing your request.
- c. Letter this office of July 25, 2002, forwarding to you records from the dossier titled East German Topographic Maps, ZF010829W and advising you that documents which originated with other government agencies were disclosed.

It was noted during the administrative closing of your FOIA case that five pages of records were inadvertently not addressed. These pages have been reviewed, determined to no longer warrant security classification and are partially releasable. Copies are enclosed for your use (Enclosure 1). We regret any inconvenience that this oversight may have caused and request your understanding regarding this matter.

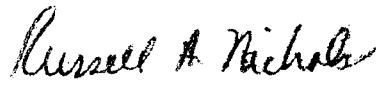
Information has been sanitized from these records which would result in an unwarranted invasion of the personal privacy rights of the individuals concerned. This information is exempt from the public disclosure provisions of the FOIA pursuant to Title 5 U.S. Code 552 (b)(7)(C).

The withholding of information by this office is a partial denial of your request. This denial is made on behalf of Major General Keith B. Alexander, the Commanding General, U.S. Army Intelligence and Security Command, who is the Initial Denial Authority for Army intelligence

investigative and security records under the FOIA. You may appeal this decision to the Secretary of the Army. If you wish to file an appeal, you should forward it to this office. Your appeal must be postmarked no later than 60 calendar days from the date of this letter. After the 60-day period, the case may be considered closed; however, such closure does not preclude you from filing litigation in the courts.

If you have any questions regarding this action, feel free to contact Mr. Smith at (301) 677-3847. Please refer to case #797F-01.

Sincerely,

A handwritten signature in black ink that reads "Russell A. Nichols". The signature is written in a cursive style with a large initial 'R'.

Russell A. Nichols
Chief, Freedom of Information/
Privacy Office

Enclosure

TRANSLATION OF TITLE AND FIRST TWO PARAGRAPHS OF ACCOMPANYING SHEET

(See Tab 8A for reverse side of this item)

Description of Map Sheet K-38-5

Topographic and Geodetic Data. Sheet K-38-5 of the 1:100,000 topographic map (1 cm. = 1 km) was compiled from plane table sheets of the state topographic survey at the scale of 1:50,000 (1 cm. = 500 m.), which were completed by the North Caucasus District Establishment of the Geodetic Committee of the Supreme Council of the People's Economy of the USSR in 1925.

The third order triangulation points of the former Cadastral Office compiled between 1860 and 1898 served as the geodetic basis of the topographic work.

ОПИСАНИЕ

Топографо-геодезические данные. Лист К-38-5 топографической карты масштаба 1:100 000 (в одном сантиметре 1 километр) составлен по планшетам государственной топографической съемки масштаба 1:50 000 (в одном сантиметре 500 метров), исполненной Северо-Кавказским Окружным Объединением Геодезического Комитета ВСНХ—СССР в 1925 году. Геодезическим обоснованием топографических работ служили пункты триангуляции III класса 6. Межевого Ведомства, продолженной с 1860 г. по 1898 г. На территории листа К-38-5 топ. карты имеются следующие триг. пункты этой триангуляции:

№ п.п. по порядку	Название пунктов	Класс	Северная широта	Долгота от Гринвича к востоку	Примечание
1	Ростовановка кург.	III	43°59'57".35	44°12'57".64	
2	Венеровский кург.		43 59 47.61	44 22 51.83	
3	Евсеев кург.		43 59 41.18	44 19 59.50	
4	Донской кург.		43 59 27.99	44 55 24.24	
5	Молоканские братья кург.		43 59 7.83	44 25 13.31	
6	Шарошкин кург.		43 58 53.74	44 9 27.87	
7	Ростовановка цр.		43 58 33.09	44 13 36.28	
8	Медведев кург.		43 58 28.79	44 28 35.76	
9	Петра и Павла кург.		43 58 20.29	44 15 7.42	
10	Андреев кург.		43 58 20.18	44 7 13.76	
11	Густомасов кург.		43 57 26.20	44 21 40.59	
12	Тускаевский кург.		43 57 20.85	44 19 20.93	
13	Кравцова могила кург.		43 56 1.38	44 0 19.54	
14	Непряхин кург.		43 55 40.66	44 26 20.02	
15	Бойко кург.		43 55 28.42	44 11 16.77	
16	Еланское кург.		43 55 18.95	44 8 7.16	
17	Ардонские братья кург.		43 54 59.98	44 3 19.42	
18	Разрытый южн. кург.		43 54 43.10	44 29 38.44	
19	Препятельский кург.		43 54 36.08	44 15 11.45	
20	Спасный кург.		43 54 13.59	44 18 42.95	
21	Федоров кург.		43 52 39.80	44 27 30.82	
22	Щербак кург.		43 52 28.16	44 14 48.70	
23	Гохинаев кург.		43 52 25.35	44 20 32.65	
24	Токарев кург.		43 52 20.29	44 23 23.46	
25	Воровской кург.		43 51 35.66	44 25 46.34	
26	Трегубенко кург.		43 50 11.26	44 8 58.37	
27	Тускаев кург.		43 50 6.61	44 23 12.48	
28	Разбойничий буг.		43 49 41.25	44 1 29.84	
29	Тургиев кург.		43 49 30.18	44 20 49.81	
30	Орлушкин кург.		43 49 6.45	44 5 45.28	
31	Темный кург.		43 49 1.18	44 17 55.88	
32	Малахов кург.		43 48 36.56	44 10 56.17	
33	Соколов кург.		43 48 19.04	44 28 47.92	
34	Молоканский кург.		43 47 39.90	44 8 39.47	
35	Беседка кург.		43 47 25.16	44 14 31.99	
36	Семен тулур кург.		43 46 57.12	44 23 35.65	
37	Прохладин кург.		43 46 43.87	44 1 13.31	
38	Александров кург.		43 46 33.57	44 10 55.68	
39	Молочанский кург.		43 46 23.58	44 3 32.85	
40	Кучугин тулур кург.		43 45 21.30	44 23 56.14	
41	Яков кург.		43 45 15.85	44 17 12.41	
42	Павлопольский кург.		43 45 1 7.0	44 28 13.44	
43	Острый кург.		43 44 33.58	44 0 28.14	
44	Круглик кург.		43 43 39.23	44 7 45.94	
45	Дальний кург.		43 43 26.30	44 1 49.15	
46	Татарханов кург.		43 43 17.91	44 18 50.56	
47	Тулур кург.		43 42 50.41	44 22 42.25	
48	Арсланов кург.		43 41 42.50	44 13 34.34	
49	Шахпана кург.		43 41 32.27	44 15 56.07	
50	Сафх кург.		43 41 31.61	44 7 49.23	
51	Ошакш кург.		43 41 2 8.14	44 24 33.54	
52	Авжук кург.		43 40 45.85	44 10 50.20	
53	Батарейка кург.		43 40 10.65	44 4 48.01	

Азимут направления:
Густомасов-
Молоканские
братья
56°29'32".578

Исходной высотой нивелирования служила отметка марки № 148, точного нивелирования Северо-Кавказ. Окр. Об'един. Г. К., заложенная и определенная в 1924 году.

Марка заложена в главн. стани. здании ст. Георгиевск. С. К. ж. д. отметка марки . . . 276.421 м.

До работ Геодезического Комитета ВСНХ—СССР на территории листа К-38-5 топ. карты производились мензульные съемки 6. Терской Областной чертежной в масштабе 200 саж. в 1 лье, без выражения рельефа. Сборные планы этой съемки находятся в Терском Окружном Земельном Управлении. В 1924 году Терским Окр. Зем. Упр. издана карта масштаба 1:250 000 (в одном сантиметре 2.5 километра).

Географическое положение и рельеф. Территория листа лежит в равнинной части Предкавказья, по среднему течению р. Терек, в том месте, где эта река, обогнув западный конец хребта Арак-дала-Терек (Терского) и приняв слева Малку, поворачивает к востоку. Местность к северу от Малки и Терек, так наз. Моздокская степь, представляет широкий и безволнистый (за исключением искусственного канала имени Ленина) возвышен. рр. Куры и Терек. При общем равнинном характере рельефа, здесь все же можно отметить широкую и мягкую волнистость поверхности, чередование плоских ложин и разделяющих их незначительных возвышений. Лощины тянутся 6 ч. с запада на восток и представляют, вероятно, древние речные русла: по одной из них проведен местами канал имени Ленина (бывш. Эриванский или Невольский). Между этим каналом и Курью проходит с 3-С-3 на В-Ю-В невысокий пологий увал, постепенно понижающийся, как и вся равнина, к востоку. На этом увале, в северо-западной части листа, лежит и наивысшая в пределах карты точка—250.7 м. Глубоко врезанная в плато долина Куры ограничена крутыми глинистыми обрывами, и на пойме, между излучинами узкого русла реки, в ней поднимаются овражные, отрезанные от коренных берегов останцы, в виде бугров конической или столбовой формы. Высказывалось мнение, что по долине Куры протекала некогда р. Малка, так как и сейчас часть ее вод направляется сюда искусственно по ложбине Курско-Марьинского канала. Такой же слегка волнистый вид сохраняет степь и южнее, между Невольской и Терском, понижающейся от 230 м на западе до 150 м у восточной рамки листа. Понижение местности к югу, к долине Терек, совершается рядом уступов в несколько метров высотой какалий. Геологическое строение местности говорит за то, что здесь мы имеем древние речные террасы, отложенные Терком и Малкою, или тем потоком, который занимал некогда их место. В восточной половине листа, к югу от линии Ростово-Владикавказской ж. д., можно видеть два ясно выраженных уступа, отмеченных множеством кургана, расположенных по их краю. Первый из этих уступов (если идти с севера), 5—6 м высотой, отделяет верхнюю террасу (возвышенное плато) от нижней лежащей средней террасы, расположенной на высоте 8—12 м над уровнем реки и обрывающейся вторым уступом к нижней или пойменной террасе. Последняя, в свою очередь, распадается местами на 2—3 террасы второго порядка, отделенных одна от другой невысокими уступчиками; самая нижняя из них, собственно пойменная, заливается ежегодно в половодье и является или влажно-луговой или галечниковой; выше лежащие террасы водою уже не покрываются и поросли лесом или несут лугово-степную растительность; на них же расположены и некоторые селения (ст. Ново-Осетинская, Павлопольская). Пойменная терраса особенно хорошо развита в западной части листа, где она занимает широкие (до 6 км) пространства между Малкою и Терком, переходя и на правую сторону последнего. К востоку от сел. Терского нижняя терраса по правобережью Терек слабо развита, средняя совершенно отсутствует, и во многих местах к реке подступает прямо верхняя терраса, образующая над руслом Терек обрывы до 30 м высотой. Эта терраса, постепенно повышаясь к югу, примыкает, уже за рамкой карты, к подножию невысокого хребта Арак-дала-Терек; у хутора Сухотского она прорезана глубокой долиной р. Курпа. Средняя терраса по правому берегу Терек развита только к западу от сел. Терского (Булатова). Самым низким пунктом—137.2 м—в пределах листа является уровень р. Терек у выхода его за восточную рамку карты. Следует отметить крайнюю неустойчивость русел Терек и др. рек, часто изменяющих свое местоположение в пределах поймы.

Геологическое строение. Все пространство водораздела Терек и Куры и область к югу от Терек, описанная выше как верхняя терраса, сложена с поверхности мощной толщей желтобурых лессовидных суглинков, богатых углекислой известью и гипсом, и преславыми на разных уровнях пластами и глинистыми песками. Эти песчаные прослои фазиты, однако, не всегда. Так в сел. Хамидие они встречаются, по словам местных жителей, на глубине около 30 м (возмозные) и 17.4 м (сухие), тогда как в выработках кирпичного завода колонии Гнаденбург и в 15—20-метровых обрывах устья р. Курпа песчаных прослоев совсем не наблюдается. Под толщей суглинков верхней террасы правого берега Терек залегают пески и галечники, представляющие древне-речные отложения. Совершенно такое же, до некоторой степени, строение имеет и все возвышенное плато Терек и Куры, что дает право некоторым исследователям (С. С. Неуструев, И. М. Крашенинников) считать всю местность до Куры и далее на север за верхнюю террасу Терек и Малки. По мере движения к северу, верхняя толща суглинков становится все более и более глинистой.

Строение средней террасы наливается только что описанное строение верхней: более или менее мощная толща галечника и серого или желтого песка покрывается на некоторой толще обыкновенно грубого (с крупным песком и галькой) лессовидного суглинка, который и является материнской породой для развитых в пределах террасы почв. Нижняя (пойменная) терраса сложена главным образом галечниками, далеко не всегда покрытыми сверху песчаными и глинистыми наносами.

Подстилаются все описанные выше террасовые образования, как можно заключить, по наблюдениям в соседних районах, вероятно, отложениями и вахне-

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В каталогах долготы пунктов даны от Ферро; для перевода их на Гринвичские введена поправка—17°39'28".38.

Примечание. Данные пункты триангуляции 6. Межевого Ведомства отнесены к эллипсоиду Вальбека и координаты их не окончательны: по первичным измерениям триангуляции 6. Меж. Вед. на эллипсоид Бесселя и после общей связи старых триангуляций Северного Кав-

The third order triangulation points of the former Cadastral Office compiled between 1860 and 1898 served as the geodetic basis of the topographic work.

ОПИСАНИЕ

Топографо-геодезические данные. Лист К-38-5 топографической карты масштаба 1:100 000 (в одном сантиметре 1 километр) составлен по планшетам государственной топографической съемки масштаба 1:50 000 (в одном сантиметре 500 метров), выполненной Северо-Кавказским Окружным Объединением Геодезического Комитета ВСНХ—СССР в 1925 году.

Геодезическим обоснованием топографических работ служили пункты триангуляции III класса 6. Межевого Ведомства, продолженной с 1860 г. по 1898 г. На территории листа К-38-5 топ. карты имеются следующие триг. пункты этой триангуляции:

№ п/п по порядку	Название пунктов	Класс	Северная широта	Долгота от Гринвича к востоку	Примечание
1	Ростовановка кург.	III	43° 59' 57" 35	44° 12' 57" 64	
2	Венеровский кург.		43 59 47 61	44 22 51 83	
3	Бессея кург.		43 59 41 18	44 19 59 50	
4	Доноска кург.		43 59 27 99	44 5 54 24	
5	Молоканские братья кург.		43 59 7 83	44 25 13 31	
6	Шарошкин кург.		43 58 53 74	44 9 27 87	
7	Ростовановка цер.		43 58 33 09	44 13 36 28	
8	Мелведев кург.		43 58 28 79	44 28 33 70	
9	Петра и Павла кург.		43 58 20 29	44 15 7 42	
10	Андреев кург.		43 58 20 18	44 7 13 76	
11	Густомисов кург.		43 57 26 20	44 21 40 59	
12	Тускаевский кург.		43 57 20 85	44 19 20 93	
13	Кравцова могила кург.		43 56 1 38	44 0 19 54	
14	Непрякин кург.		43 55 28 42	44 26 20 02	
15	Бойко кург.		43 55 18 95	44 1 16 77	
16	Еланское кург.		43 55 18 95	44 8 7 16	
17	Ардонские братья кург.		43 54 59 98	44 3 19 42	
18	Разрытый юж. кург.		43 54 43 10	44 29 38 44	
19	Прелатский кург.		43 54 36 08	44 15 11 45	
20	Спасский кург.		43 54 13 59	44 18 42 95	
21	Федоров кург.		43 52 39 80	44 27 30 82	
22	Шербаков кург.		43 52 28 16	44 14 48 70	
23	Гокинаев кург.		43 52 25 35	44 20 32 35	
24	Токарев кург.		43 52 20 24	44 23 23 46	Азимут на- правления: Молоканские братья 56° 29' 32" 578
25	Воровской кург.		43 51 35 66	44 25 46 34	
26	Трегубенко кург.		43 50 11 26	44 8 58 37	Густомисов- Молоканские братья
27	Тускаев кург.		43 50 6 61	44 23 12 48	
28	Разбойничий буг.		43 49 41 25	44 1 29 84	
29	Тургиев кург.		43 49 30 18	44 20 49 81	
30	Орлукин кург.		43 49 6 45	44 5 45 25	
31	Темный кург.		43 49 1 18	44 17 55 88	
32	Малыхов кург.		43 48 36 55	44 10 56 17	
33	Сохолов кург.		43 48 19 04	44 28 47 98	
34	Молоканский кург.		43 47 39 90	44 8 39 47	
35	Бессея кург.		43 47 25 16	44 14 31 99	
36	Семен тулур кург.		43 46 57 12	44 23 35 68	
37	Прохладин кург.		43 46 43 87	44 1 13 51	
38	Алексашкин кург.		43 46 33 57	44 10 55 68	
39	Молочный кург.		43 46 23 58	44 3 32 85	
40	Кучугин тулур кург.		43 45 21 30	44 23 56 14	
41	Яков кург.		43 45 15 85	44 17 12 41	
42	Павлодольский кург.		43 45 1 70	44 28 13 44	
43	Острый кург.		43 44 33 58	44 0 28 14	
44	Круткин кург.		43 43 39 23	44 74 95	
45	Дальний кург.		43 43 26 30	44 1 49 15	
46	Татархан кург.		43 43 17 91	44 18 50 52	
47	Тулур кург.		43 42 50 41	44 22 42 25	
48	Аропанов кург.		43 41 42 50	44 13 34 34	
49	Шихалина кург.		43 41 32 27	44 15 56 07	
50	Сафур кург.		43 41 31 61	44 7 49 23	
51	Ошаджа кург.		43 41 2 81	44 24 33 54	
52	Амжуко кург.		43 40 45 85	44 10 50 20	
53	Батарея кург.		43 40 10 65	44 4 48 01	

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Для обоснования съемки в высотном отношении исходными пунктами служили репера, заложенные и определенные при продолжении ходов технического нивелирования в 1925 году Северо-Кавказск. Окр. Об'един. Геодез. Ком. ВСНХ.

На территории листа К-38-5 топ. карты имеются след. репера нивелир. 1925 года Сев. Кав. Окр. Об. Г. К.:

№ п/п по порядку	Тип и № реперов	Местоположение	Отметки 1925 г.	Отметки после поправки в 1926 г.	Примечание
1	Чуг. № 46	Петра и Павла триг. пункт	194.26 м	194.65 м	Номера реперов указаны по временному каталогу реперов
2	№ 51	На амбаре мельн. Алешина, на берегу канала им. Ленина	229.85 м	230.09 м	б. Вост. района
3	№ 36	ст. Прохладин паровоз. депо	202.52 м	203.17 м	Северо-Кавказск. Окр. Об. Г. К.
4	№ 37	Перегон Прохл.-Моздок, 3-я верста—бушка	199.05 м	199.67 м	
5	№ 38	Перегон Прохл.-Моздок, 9-я верста—бушка	185.60 м	186.18 м	
6	№ 39	Перегон Прохл.-Моздок, раз'езд Красноградский, за ст.	174.25 м	174.79 м	
7	№ 45	Хут. Золотарев, за хутора	189.33 м	189.75 м	
8	№ 44	Переульнич кург., в раст.	211.40 м	211.92 м	
9	№ 43	Токарев триг. знак	191.04 м	191.60 м	
10	№ 41	Хут. Елбевский на церкви	162.39 м	162.84 м	
11	№ 42	Хут. Эривостский, здание мельн. Рыбашки	158.48 м	158.91 м	

Исходной высотой нивелирования служила отметка марки № 148, точного нивелирования Северо-Кавказ. Окр. Об'един. Г. К., заложенная и определенная в 1924 году.

Марка заложена в главн. станц. здании ст. Георгиевск. С. К. ж. д. отметка марки . . . 276.421 м.

До работ Геодезического Комитета ВСНХ—СССР на территории листа К-38-5 топ. карты производились мензульные съемки 6. Терской Областной чертеной в масштабе 200 саж. в 1 дюйм. без выражения рельефа. Сборные планы этой съемки находятся в Терском Окружном Земельном Управлении.

В 1924 году Терским Окр. Зем. Упр. издана карта масштаба 1:250 000 (в одном сантиметре 2.5 километра).

Географическое положение и рельеф. Территория листа лежит в равнинной части Предкавказья, по среднему течению р. Терек, в том месте, где эта река, обогнув западный конец хребта Арах-дала-Терек (Терского) и приняв слева Малку, поворачивает к востоку. Местность к северу от Малки и Терка, так наз. Моздокская степь, представляет широкий и безводный (за исключением искусственного канала имени Ленина) возвышен. пр. Куры и Терка. При общем равнинном характере рельефа, здесь все же можно отметить широкую и мягкую волнистость поверхности, чередование плоских долин и разделяющих их незначительных возвышений. Долины тянутся с с. на запад на восток и представляют, вероятно, древние речные русла; по одной из них проведен местами канал имени Ленина (бывш. Эривостский или Невольский). Между этим каналом и Курью проходит с с.-с.з. на в.-ю.-в. невысокий пологий увал, постепенно понижающийся, как и вся равнина, к востоку. На этом увале, в северо-западной части листа, лежит и наивысшая в пределах карты точка—250.7 м. Глубоко врезанная в плато долина Куры ограничена крутыми глинистыми обрывами, и на пойме, между излучинами устья русла реки, в ней поднимаются одиночные, отрезанные от коренных берегов останцы, в виде бугров конической или столбовой формы. Высылавалось мнение, что по долине Куры протекала некая р. Малка, так как и сейчас часть ее вод направляется сюда искусственно по ложбине Курско-Маринского канала. Такой же слегка волнистой ив сохраняет степь и южнее, между Невольской и Терком, понижаясь от 230 м на западе до 150 м у восточной рамки листа. Понижение местности к югу, к долине Терка, совершается рядом уступов в несколько метров высотой каждый. Геологическое строение местности говорит за то, что здесь мы имеем древние речные террасы, отложенные Терком и Малкою, или тем потоком, который занимал некогда их место. В восточной половине листа, к югу от линии Ростово-Владикавказской ж. д., можно видеть два ясно выраженных уступа, отмеченных множеством курганов, расположенных по их краям. Первый из этих уступов (если идти с севера), 5—6 м высотой, отбеляет верхнюю террасу (водораздельное плато) от ниже лежащей средней террасы, расположенной на высоте 8—12 м над уровнем реки и обрывающейся вторым уступом к нижней или пойменной террасе. Пойменная, в свою очередь, распадается местами на 2—3 терраски второго порядка, отложенные сюда от другой невысокими уступами; самая нижняя из них, собственно пойменная, заливается ежегодно в половодье и является или влажно-луговой или галечниковой; выше лежащие террасы воюю уже не покрываются и поросли лесом или несут лугово-степную растительность; на них же расположены и некоторые селения (ст. Ново-Осетинская, Павлодольская). Пойменная терраса особенно хорошо развита в западной части листа, где она занимает широкое (до 6 км) пространство между Малкою и Терком, переходя и на правую сторону последнего. К востоку от сел. Терского нижняя терраса по правобережью Терка слабо развита, средняя совершенно отсутствует, и во многих местах к реке подступает прямо верхняя терраса, образующая над руслом Терка обрывы до 30 м высотой. Эта терраса, постепенно повышаясь к югу, примыкает, уже за рамкой карты, к подножию невысокого хребта Арах-дала-Терек; у хутора Сухотского она прорезана глубокой долиной р. Курпа. Средняя терраса по правому берегу Терка развита только к западу от сел. Терского (Булатова). Самым низким пунктом—137.2 м—в пределах листа является уровень р. Терка у выхода его за восточную рамку карты. Следует отметить крайнюю неустойчивость русел Терка и др. рек, часто изменяющих свое местоположение в пределах поймы.

Геологическое строение. Все пространство возвышения Терка и Куры и область к югу от Терка, описанная выше как верхняя терраса, сложены с поверхности мощной толщей желтобурых лессовидных суглинков, богатых углекислой известью и гипсом и переслаиваемых на разных уровнях слюдистыми и глинистыми песками. Эти песчаные прослои развиты, однако, не везде. Так а сел. Хаминие они встречаются, по словам местных жителей, на глубине около 30 м (водоносные) и 17.4 м (сухие), тогда как в выработках кирпичного завода колонии Гладенбург и в 15—20-метровых обрывах устья р. Курпа песчаных прослоев совсем не наблюдается. Под толщей суглинка верхняя терраса правого берега Терка залегают пески и гальки, представляющие древне-речные отложения. Совершенно так же, по видимому, строение имеет и водораздельное плато Терка и Куры, что дает право некоторым исследователям (С. С. Неуструев, И. М. Крашенинников) считать всю местность до Куры и далее на север за верхнюю террасу Терка и Малки. По мере движения к северу, верхняя толща суглинка становится все более и более глинистой.

Строение средней террасы напоминает только что описанное строение верхней: более или менее мощная толща галечника и серого или желтого песка покрывается мало мощной толщей обыкновенно грубоватого (с хрупким песком и галькой) лессовидного суглинка, который и является материнской породой для развитых в пределах террасы почв. Нижняя (пойменная) терраса сложена главным образом галечниками, далеко не всегда покрытыми сверху песчаным и глинистым наносами.

Поставлялись все описанные выше террасовые образования, как можно заключить по наблюдению и соседних районов, вероятно, отложениями верхнетретичного (плиоценового) возраста—акчагыльскими слоями.

Гидрография. Большая северная часть листа является бессточной, т. к. на ней нет других поверхностных вод, кроме искусственного канала имени Ленина и полусухотечной реки Куры, теряющихся в степи и не доносящих своих вод до Каспия. Кура представляла первоначально небольшую степную речку, питающуюся гл. обр. таявшими на равнине снегами и потому летом пересыхавшую. В 1868 г. в нее направлена была часть вод р. Малки путем устройства Курского канала в 18 км длиной. У станции Советской (бывш. Государственной) Кура питается также обильными родниками. Сильному испарению и ухудшению качества воды в реке очень способствуют многочисленные плотины мельничных прудов. В жаркое лето Кура иногда совсем пересыхает.

Южная часть листа, орошаемая р.р. Терком, Малкой, Баксаном, Баксаном, Черком, Черной речкой и Куяном (канал Ладжынского), впадает в Терек у сел. Терского), принадлежит бассейну Каспия. Терек берет начало в горах Большого Кавказа, питается водами (азбеских и других легинов. Длина его течения в пределах листа около 35 км, средняя ширина главного русла около 100 м. Рукава Терка часто изменяют свое положение и количество протекающей по ним воды. Падение Терка на протяжении 32 км от Пришиба (за южн. рамкой листа) до ст. Красноградской составляет 1.91 м на 1 км. Половодье бывает летом, в июне и июле, от таяния снегов и легинов в горах; при этом, однако, вода поднимается не выше 21 см против уровня самой низкой воды (в декабре и январе), почему река в среднем течении (в пределах листа) почти никогда не выходит из берегов. Такой же водный режим имеют начинающиеся из легинов в горах р.р. Малка, Баксан и Черек. Все они в пределах листа не судоходны, но Терек и Малка играют сейчас и будут со временем играть еще большую роль в деле освоения сухих пространств Сев. Кавказа. Из оросительных сооружений на территории карты в настоящее время имеется канал имени Ленина (б. Эривостский или Невольский), выведенный в 1851 г. из р. Малки у ст. Павлодольской. Ширина канала 2—2.5 м, глубина до 2 м. Канал Ладжынского шириной 1—1.5 м и глубиной 8/4 м, представляет отведенную р. Куяна—один из двух рукавов р. Абаша, протекающей к югу от нашей карты. Рукав Курп (шир. 1 м, ср. глуб. 8/4 м) берет начало на сев. склоне Кабардино-Сунженского хребта; летом

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лах и галечниках. Глубина колодцев в пределах листа: хутор Средне-Степ-49 м (вода плохая), х. Труд—26,9 м (вода хорошая), х. Тускаевский—30 м (хорошая), сел. Хамидие—30 м. Грунтовые воды здесь почти всегда минерализованы (жесткие), часто солоноваты и мало пригодны для скота.

Климат. Для характеристики климата района могут служить наблюдения в Прохладной, а также данные ближайших станций за пределами листа—Моздок и Прикуурско-Степного.

Преобладающими ветрами в году являются северо-восточные и восточные, составляющие в сумме около 40—45%. Зимой эти ветры обусловлены тлением на северо-востоке (в прикумских степях) отрога Сибирского антициклона (области высокого давления) и приносят хотя и не очень насыщенные парами, но очень холодный воздух (северо-вост. ветры) из этих степей, где довольно влажный воздух с Каспийского моря (восточные ветры) и орошаются тогда сырой, туманной погодой, иногда также изморозью и ледяной. Летом С.-В. ветры бывают обусловлены развитием на севере та Азёрского антициклона, приносят сухой и сильно натрётый воздух из сухих степей, вызывают засуху, вредят растительности и сопровождаются нередко сухим туманом («жара»). На втором месте по частоте стоят юго-западные, преобладающие летом; они б. ч. влажные, сопровождаются обложными дождями, непосредственно влияют на температуру воздуха и значительно понижают ее летом. Южные ветры, сравнительно редкие, являясь в холодное время года (особенно поздней осенью и ранней весной), имеют характер фёнов, т. е. сухих и теплых нисходящих (с Кавказа хребта) ветров, сильно повышающих температуру воздуха. При фёне 1—1915 г. температура в Прохладной поднялась до 4,2° против 0,8° в предыдущий день.

Средняя годовая температура достигает 9,5°—10,0°; средняя январская —5,3°—5,6°; средняя июльская 23,0°—23,5°. Средняя годовая амплитуда температуры составляет таким образом 28°—29°, характеризует климат как резко континентальный. Летом абсолютно наивысшие температуры достигают 38°—40°. Число морозных дней около 100—110 в году.

Годовое количество осадков в среднем около 420—450 мм. (Прохладная м.м., Моздок 462 мм, Прикуурско-Степное 394 мм); оно меньше на севере, возрастает к югу, с приближением к хребту Ара-дана-Терек, и к востоку. Одной из особенностей климата является то, что Терский хребет к востоку становится выше и является более сильным сгущением паров, а также что восточная часть района в меньшей степени прикрыта Ставропольскими возвышенностями от влажных северо-зап. ветров, чем район Прохладной доверь Малки. Больше всего осадков выпадает в июне, меньше всего—в мае. Распределение осадков во времени неблагоприятно для сельского хозяйства: недостаток влаги весной (апрель—май) и избыток летом (июнь—июль), в период созревания хлебов. Летом осадки выпадают б. ч. в виде коротких ливней. Снеговой покров мало мощен и неустойчив. Годовое количество осадков по сравнению с климатическим, благодаря чему нередко поражаются засухами и неврожанием и должны быть отнесены к засушливым местностям.

Относительно влажности и влажности воздуха в пределах листа дан почти нет. Для низовой полосы Кабарды А. Г. Санин определяет среднюю влажность равной 74%. Относительная влажность воздуха была бы наибольшей в зимние месяцы (85—87%), наименьшей в июне (62%).

Почвы. В почвенном отношении Моздокская степь была исследована М. Г. С. Неуструевым и Е. Н. Ивановой, южная (затеречная) часть (Малая Кабарда)—в 1922 г. А. М. Панковым.

Большую часть возделываемого поля между Курой и Неволькой заняты каштановые суглинистые почвы, характеризующиеся следующими признаками: верхний (перегнойный) горизонт А серовато-бурого цвета, в верхней части слоистый, ниже—комковато-зернистый; содержание перегноя—10% мощности горизонтов А и В около 40%; гумусовые (перегнойные) горизонты простираются до глубины 70—80 см; слабые отложения гипса на глубине 200 см; почва сильно истощена дождевыми червями, богата известью (очаги) и складает от солевой кислоты прямо с поверхности. В южной Моздокской степи, между Неволькой и Терском, развиты каштановые с более легкого механического состава (мелкопесчаные суглинки) (Труев и Иванова). По влажные горы каштановые почвы дают очень хорошие урожаи твердых сортов пшеницы.

Область верхней террасы к югу от Терка занята почвами, которые Панков определяет как южный чернозем; им присущи следующие признаки: верхний горизонт А темно-серый или бурый, постепенно переходящий в более светлый горизонт В; структура гориз. А зернистая, слабо выраженная, гориз. В—мелкокомковатая, в более глубоких частях того же гориз.—звездчатая; наблюдаются выделения углекислоты в виде нитей и брызг (белого плазжа); всасывание с кислотой на самой поверхности; содержание перегноя 3,5—4,5%; мощность от 65 до 75 см; по механическому составу близка к суглинистым разности (Панков).

Почвы узкой полосы вдоль Терка, в пределах средней и нижней террасы довольно разнообразны по механическому составу, относятся к разным типам, часто сменяют друг друга на коротких расстояниях,—образуют почвенный комплекс. Одни из них, занимающие более повышенные участки террасы, приближаются к каштановым почвам верхней террасы, но являются несколько более грубым механическим составом (иногда с крупным комком и галькой). Другие—наиболее распространенные—представляют собой почвы, заключающие в верхнем, почти черном горизонте А от 7 до 16% перегноя и обнаруживают некоторые следы избыточного увлажнения—оглеения (окисление окислов железа) в горизонте С, появление ржавых пятен и т. п. В более пониженных местах нижней (иногда и средней) террасы эти грубые почвы переходят в лугово-болотные, иногда слегка засоленные. Они отличаются от луговых большей увлажненностью всего профиля, меньшей мощностью горизонтов, более темной окраской, резко выраженным оплывом в гор. С и пестротой его окраски. Эти почвы от кислотности почвы с поверхности, которая в сухую погоду выветривается белым налетом углекислоты извести.

Растительность района складывается из двух главных типов: травяно-

ранtha Desf.), мышиный горошек (*Vicia cracca* L.), медуница серповидная (*Medicago falcata* L.). Старые, заброшенные пашки нередко окрашены в кроваво-красный цвет от покрывающего их сплошь мака (*Papaver Rhoeas* L. var. *strigosum* и *P. hybridum* L.) или же являются желтыми от свербики (*Bunias orientalis* L.) и рапистры (*Rapistrum rugosum* L.) (Чернецкая и Виноградов). В юго-зап. углу листа, особенно между Баксаном и Баксаненком, на пойменной террасе широко развиты залитые луга с высоким и густым травостоем, сохраняющие свежесть в течение всего лета и дающие обильные укосы. Доминируют здесь злаки: поленица белая (*Agrostis alba* L.), батлачек (*Alopecurus ventricosus* Schrank.), плывел (*Lolium remotum* Schr.), тимфеевка (*Phleum pratense* L.), мятлик болотный (*Poa palustris* L.), коостер (*Bromus erectus* Huds.); из двулетних в большом количестве встречаются: горошек заборный (*Vicia sepium* L.), аязель (*Coronilla varia* L.), астрагал галеговый (*Astragalus galegiformis* L.), лапчатка ползучая (*Potentilla reptans* L.), солодка (*Glycyrrhiza glabra* L.), дягелец (*Lotus corniculatus* L.), подмаренник северный (*Galium boreale* L.), василистник (*Thalictrum minus* L.) и другие. По более низким местам поймы луга становятся сырыми и на них появляются различные ситники, осоки (*Carex distans* M. B., *C. gracilis* Curt.), плакуны (*Lythrum Salicaria* L.). Растительность пространства между Малкой и Баксаненком указывает на некоторую однородность почв: здесь мы встречаем кусты гребенщика (*Tamara Hohenackeri* Bunge.), солодку, кернек (*Statice latifolia* Sm.), жеруху широколистную (*Lepidium latifolium* L.), бессмертник однолетний (*Xeranthemum annuum* L.) и др.

Лесная и кустарниковая растительность развита только по течению рек Кур, Терка, Баксана, Череха и Черной. Леса эти состоят из дуба (*Quercus pedunculata* Ehrh.), граба, ясеня, клена полевого, ольхи (*Alnus incana* L.), груши, ильона, белого тополя (*Populus alba* L.). Густые заросли кустарников, густые хмелем, ожиной, изредка виноградом (*Vitis vinifera*), образуют подлесок в пойменных лесах или же покрывают значительные пространства самостоятельно: они состоят из орешника, боярышника (*Crataegus monogyna* Jacq.), бересклета (*Evonymus latifolia* Scop.), видов ивы, дерена (*Cornus sanguinea*), бирючины (*Ligustrum vulgare*), калины, черной бузины, терновника (*Rubus idaeus*). Леса в лучшем случае—древяные, только около колонии Гнаденбург и западнее от Черноярской уцелели участки леса, который можно назвать степными. Леса эти совершенно неустойчивы, находятся в местном пользовании и хищнически истребляются. В большинстве случаев это молодняк, т. е. не имеющие никакой ценности заросли кустарников.

Административные данные. В административном отношении северная часть территории листа (до Терка и Малки) относится к Терскому округу Северо-Кавказского края и входит в состав двух районов: Прохладнинского—западная часть, площадью 369,8 кв. км и Моздокского—восточная часть, площадью 109,7 кв. км. Админ. центр первого района—Прохладная, второго района—г. Моздок, лежит в 14—15 км от восточной рамки листа. Южная часть территории входит в состав Кабардино-Балкарской Автоном. Области (Малая Кабарда), распределяясь между тремя ее округами: Казачьим (110,16 кв. км.), Прималкинский (44,64 кв. км.) и Муртазовским (111,15 кв. км.).

Население и хозяйство. На территории листа расположено 42 населенных пункта с числом жителей около 40100 душ; средняя плотность населения—около 269 чел. на 1 кв. км. Селения очень разнообразны по величине: от больших станиц, насчитывающих по несколько тысяч жителей (Прохладная 12250 ч., Красноградская 5268 ч.), до хуторов с населением в полтора десятка человек (х. Уроцкий 14 ч.). Национальный состав довольно пестрый: главную массу—около 30000 или 74,5% составляют русские (великорусы и украинцы), б. ч. бывшие казаки; далее по численности следуют: кабардинцы—5600 ч. или 13,9% (сел. Терекское, Хамидие, Неврожайное, х. Соколов), осетины—3333 ч. или 8,3% (ст. Черноярская, Ново-Осетинская, х. х. Елбавский, Тускаевский, Гокинаевский), немцы—945 ч. (колос. Гнаденбург, х. Крымский, х. Золотарев) и болгары—326 ч. (х. Архонский, х. Сухотский). Постройки в селениях б. ч. турпучные или саманные.

Главным занятием населения является хлебопашество: культура озимой пшеницы, кукурузы, ячменя, проса, подсолнуха. Зерновые хлеба не только обеспечивают население, но и являются предметом вывоза (ст. Прохладная, Муртазово). В Малой Кабарде просо и кукуруза занимают 50% посевной площади, остальное приходится на пшеницу и ячмень. Система полеводства трехпольная, реже многопольная (колония Гнаденбург); иногда же никакого правильного полеводства не наблюдается: в сел. Неврожайном, напр., кукуруза сеется на одном и том же поле до 9 лет подряд, после чего поле оставляется в залежи. Урожайность хлебов в Мал. Кабарде: кукуруза—средняя 60 пуд., хорошая—80 пуд. с казен. десятины; пшеница—обычная 50 пуд., хорошая—100 пуд.; у немцев урожайность выше: кукурузы 110—150 пуд., пшеницы 90—180 пуд. У кабардинцев и осетин хлеба, вследствие густого посева, часто полегают, и поля сильно засорены. Местами развито и приобретает даже самостоятельное значение огородничество (ст. Приближная, х. х. Архонский Эривостский): в станице Павлодольской развито табаководство, а до революции существовали также большие виноградники, погибшие вследствие разрухи, вызванной гражданской войной. Виноградарство и виноделие в настоящее время процветают только в кол. Гнаденбург, где под виноградниками около 230 дес., дающих хороший урожай. Фруктовых садов почти нет, но часто приусадебный участок отдельных деревень сбитый и вишни. Промышленное скотоводство не развито и имеет некоторый, хотя все же довольно, значение только у осетин в х. х. Тускаевском и Гокинаевском. Кустарные промыслы и ремесла также отсутствуют. В ст. Прохладная есть чугуно-литейный завод, 2 кирпичных и 5 маслобойных заводов, 3 просорушки и 6 мельниц. Первые мукомольные мельницы имеются также в ст. Красноградской, Черноярской, в х. Зайцева; водяные мельницы есть во многих селениях.

Пути сообщения и средства связи. В юго-запад. углу карты от ст. Прохладной на юг проходит линия Ростово-Владикавказской ж. д., отходящая на восток ветку, идущую на г. Моздок и Кизляр. На этих ж. д. линиях в пределах листа расположены станции Прохладная и Черноярская и разъемы Приближная, Красноградская и Павлодольская. Шоссейная дорога имеется только одна—из Прохладной в Пришиб, вдоль линии Владикавказской ж. д. Из больших грунтовых дорог следует отметить следующие: из Прохладной на север, в ст. Советскую на р. Кур; 2) из Прохладной на северо-

(ах и галечниках. Глубина колодцев в пределах листа: хутор Средне-Степ-
49 м (вода плохая), х. Труд—26,9 м (вода хорошая), х. Тускаевский—
м (хорошая), сел. Хамидие—30 м. Грунтовые воды здесь почти всегда
но минерализованы (жесткие), часто солоноваты и мало пригодны для

Климат. Для характеристики климата района могут служить наблюдения в Прохладной, а также данные ближайших станций за пределами листа — пока и Прикурско-Степного.

Важнейшие климатические факторы, влияющие на климат в Прибайкалье, — это циркуляция воздушных масс, поступающих с северо-востока и юго-запада. Преобладающие ветры в течение года являются северо-восточные и восточные, составляющие в сумме около 40—45%. Зимой эти ветры обусловлены влиянием на северо-востоке (в прикурильском направлении) отрога Сибирского антициклона (области высокого давления) и приносят с этих мест холодные, но очень холодный воздух (северо-вост. ветры) на эти степи, где довольно влажный воздух с Каспийского моря (восточные ветры) оседает тогда сухой, туманной погодой, иногда также изморозью и ледяной. Летом С.-В. ветры бывают обусловлены развитием на севере га Азорского антициклона, приносят сухой и сильно нагретый воздух из туманных степей, вызывают засуху, вредят растительности и сопровождают нередко сухим туманом («жмара»). На втором месте по частоте стоят с северо-запада, преобладающие летом: они б. ч. влажны, сопровождаются обильными дождями, неопределенно влияют на температуру воздуха и способствуют понижению ее летом. Южные ветры, сравнительно редкие, являются господствующими в августе (особенно поздней осенью и ранней весной), имеют резко характер фёнов, вызывают повышение температуры воздуха («хребта» ветры, сильно повышающих температуру воздуха). При фёне 1—1915 г. температура в Прохладной повышалась до 4,32 против 0,8 первого дня.

Средняя годовая температура достигает 9.5°C — 10.0°C ; средняя январская 0°C — 5.3°C — 5.6°C ; средняя июльская 23.0°C — 23.5°C . Средняя годовая амплитуда температуры составляет таким обр. 28°C — 29°C , характеризую климат как резко интентальный. Летом абсолютно наивысшие температуры достигают 38°C — 40°C . Число морозных дней около 100—110 в году.

Головое количество осадков в среднем около 420—450 мм. (Прохладная зима, Моздок 462 мм, Прикурско-Степное 394 мм.) оно меньше на севере, жаростек к югу, с приближением к хребту Арац-Ата-Терек, и к востоку. Причины: обстоятельство части объясняется тем, что Терский хребет к югу становится выше и является более сильным орудением паров, а также что восточная часть района в меньшей степени прикрыта Ставропольско-возвышенностью от влажных северо-зап. ветров, чем район Прохладной долин Малки. Больше всего осадков выпадает в июне, меньше всего: в августе. Распределение осадков во времени неблагоприятно для сельского хозяйства. В сезон (апрель—март) и избыток летом (июнь—сентябрь) период созревания хлеба. В июле осадков выпадает б. ч. в виде коротких дождей. Снеговой покров мал, осадки выпадают в неустойчивом количестве, осадков подвержены сильным колебаниям. Иногда в течение нередко поражается засухами и неурожаями и должен быть отнесен к засушливым местностям.

Относительно облачности и влажности воздуха в пределах листа данных нет. Для низовой полосы Кабарды А. Г. Санин определяет среднегодовую облачность равной 74%. Относительная влажность воздуха была наибольшей в зимние месяцы (86—87%), наименьшей в июне (69%).

Почвы. В почвенном отношении Моздокская степь была исследована 24 г. С. С. Неуструевым и Е. Н. Ивановым, южная (затеречная) часть (Маяля Кларда) — в 1922 г. А. М. Панковым.

Большая часть водораздельного плато между Курой и Неволькой заложена каштановые супглинистые почвы, характеризующиеся следующими признаками: верхний (переходный) горизонт А серовато-бурого цвета, в верхних частях — каштаново-серый; содержание перегноя — 10—15% в горизонте 0—10 см; глубина залегания горизонта 40—50 см; пропиток до глубины 70—80 см; слабый отложение глина на глубине 1200 см; почва сильно истощена дождевыми, почвенными и известковыми (влияет) и окисляет от соляной кислоты прямо с поверхности (по известности) Моздокской степи, между Неволькой и Терском, развиты каштановые и более легкого механического состава (мелкопесчаные супглини) груше и Иванова). Во всежные горы каштановые почвы дают очень хорошие урожаи твердых сортов пшеницы.

Слабая верховная прерывка в виде Терека защита почвами, которые Панков определяет как южные черноземы; ни присутствия слагающих их верховий горизонт А, темно-серый или бурый, постепенно переходящий в светлый горизонт В; строения горизонта А; зернистая, слабо выраженная, от 8-мелкокомковатая, в более глубоких частях тогда же горизонтная; незначительная выветривания угнетенной известости в виде нитей и бечек; незначительная выветривания известости в виде поверхности; содержание перелом 3,5-4,5%, мощность от 65 до 75 см; механическому составу преобладают глинистые разности (Панков).

Почвы узкой полосы «слезы Тереса» в пределах средней и нижней террасы довольно разнообразны по механическому составу, относятся к разным и часто сменяют друг друга на коротких расстояниях,—образуют почвенный комплекс. Один из них, занимающий более повышенные участки террасы, приближающийся к каштановым почвам верхней террасы, но имеет несколько более грубый механический состав (иногда с крупинками и галькой). Другие—наиболее распространённые—представляют собой почвы, заключающие в верхнем, почти черном горизонте А от 7 до 16% гумуса и обнаруживающие некоторые следы избыточного увлажнения—отгелесившиеся окислы железа) в горизонте С, появление ржавых пятен (железо и пр. В более пониженных местах нижней (иногда и средней) и эти луговые почвы переходят в лугово-болотные, иногда слегка затопляемые, иногда отходящие к луговым болотам увлажнившимся всего горизонта, имеющие меньшую мощность, более темной окраской, резко выраженным отгелесиванием в гор. С и при этом иногда отходящие от почвы от кислоты прямо к поверхности, которая в сухую погоду является белым налетом углекислой извести.

Многообразие района складается из двух главных типов: травяно- — в озорзательных плато, и лесов — по долинам рек. И та и другая местность сильно изменены, однако, человеком. Леса местами совершенно вырублены или переведены в состояние кустарниковых зарослей. А растительность уничтожена распашкой или вырубкой скотом и во многих местах замещена сорняками. Все это позволяет восстановить первоначальную картину естественного растительного покрова только в общих

Растительность возвышенного плато Терек и Куры может быть типизирована как формация злаковых ковыльно-антропогенной степи. В ней здесь образуют, по Новопокровскому, ковыль волосатик. (*Stipa* М. L.), ковыль Лессинга (*Stipa Lessingiana* Trin.), борщак (Andropogon ползучий), вьюнок (Centaurea) и другие растения. Среди кустарников преобладают (*Melica ciliata* L.) жесты, приросты которых с ним примешиваются такие сухолюбивые растения, как *Tauriscum* L., деревья мелководный (*Achillea micrantha* M. B.), медуна голубого цвета (*coerulea* Less), солончичный волосистый (*Calaetalia villosa* (L.) Rchb), татарский (*Crambe tatarica* Jacq.). В западных нередко образует густой солодка (*Glycyrrhiza glabra*). Из кустарников встречаются бобово-муггудул (*nana* L.) и Палласова крушина (*Rhamnus Pallasii* T. et Mey.). Зольность эта сильно засорена различными хвощевитыми, полынью злака (*ragulina* Vass., *selima* Vass.) и др. растениями злаковой и выгодо- для зрения выжигания, лугу и, особенно, в степях. Территория степей верхних террас становится более разнообразной и влаголюбивой, при этом характер разнотравно-луговой степи, сильно измененной водой и выпасом и сильно засоренной. На степных лугах, служащих нам, здесь все же преобладают злаки: костер кровельный (*Bromus tect-* L.), костер примошковый (*Bromus erectus* Huds.), тимовфева (*Pleium* М. L.), овсяника (*Festuca elatior* L.), борщак (Andropogon ischaemum L.) обыкновенный (*Poa trivialis* L.), трясунка (*Briza media* L.); среди них также встречается (*Scirpus palustris* L.) болотная осока (*Scaevola*), (*Psaronia tenuifolia* L.), шафрей зеленая (*Salvia viridis* L.), чистец приросту (*recta* L.), репей — рыжик посевной (*Cameline sativa* Crantz), колокольчик (*Theophrastus, major* Jacq.), скабиозы (*Scabiosa columbaria* L., S. mic-

gantha Desf.), мышиный горошек (*Vicia cracca* L.), медуна серповидная (*Medicago falcata* L.). Старые, заброшенные пашни нередко окрашены в кроваво-красный цвет от покрывающего их сплошь мака (*Paraver Rhoëas* L. var. *strigosum* L. hybridum L.) или же желтого от сербского (*Gninus origanalis* L.) и рипария (*Rapistrum rugosum* L.) (Чернышев, Виноградов). В юго-зап. углу луга, особенно между Бакашеном и Бакашенком, на пойменной террасе широко развиты заливаемые луга с высоким и густым травостоем, сохраняющие свежест в течение всего лета и дающие обильные укосы. Доминируют здесь злаки: полевица белая (*Agrostis alba* L.), батлак (*Alpecurus ventricosus* Schrank.), плевел (*Lolium remotum* Sibir.), тимopheвка (*Pheum pratense* L.), мытник болотный (*Poa palustris* L.), коостер (*Bromus erectus* Huds.); из двудольных в большом количестве встречается: горошек забортный (*Vicia sepium* L.), везель (*Coronilla varia* L.), астрагал галеговый (*Astragalus galeiformis* L.), дачатка ползучая (*Potentilla reptans* L.), солоха (*Glycerhiza glabra* L.), являец (*Lotus corniculatus* L.), подмаренник северный (*Galium boreale* L.), василистник (*Thalictrum minus* L.) и другие. По более низким местам поймы луга унавожены сырым и на них появляются различные синтики. Среди них выделяются: синик белая (*Veronica alba* L.), синик белая (*L.*). Репейников, пространия между Малым и Бакашенком указывают на некоторую сформированность почвы; здесь мы встречаем кусты гребенника (*Tamarix hohenackeri* Bunge), солодку, кермес (*Statice latifolia* Sm.), жеруху широколистную (*Lepidium latifolium* L.), бессмертник однолетний (*Xeranthemum annuum* L.) и др.

Лесная и кустарниковая растительность развита только по течению рек Курь, Грека, Баксана, Черек и Черной. Леса эти состоят из дуба (*Quercus pedunculata* Ehrh), граба, ясеня, клена полевого, ольхи (*Alnus* sp.) и груши. Яблонь, белого тополя (*Populus alba* L.). Густые заросли кустарников, перевитые хмелем, ожиной, изредка виноградом (*Vitis vinifera*), образуют подлесок в пойменных лесах или же покрывают значительные пространства самостоятельно: они состоят из орешника, боярышника (*Crataegus monogyna* Jacq), бересклета (*Evonymus latifolia* Scop.), вылов ивы, дерена (*Cornus sanguinea*), бирючины (*Ligustrum vulgare*), калины, черной бузины, терновника (*Prunus spinosa*). Леса в лучшем случае — промывные; только около колхоза Гуденчук и западнее ст. Чернойской уцелели участки леса, который можно назвать строевым. Леса эти совершенно неустойные, находятся в местном пользовании и хищническистребуются. В большинстве случаев это молодянка, т. е. не имеющие никакой ценности заросли кустарников.

Административная граница длинная. В административном отношении северная часть территории листа (до Терска и Малки) относится к Терскому округу Северо-Кавказского края и входит в состав двух районов: Прохладнинский — западная часть, площадью 369,8 кв. км и Моздокский — восточная часть, площадью 109,7 кв. км. Амин. центр первого района — Прохладная, второго района — Мзсок. левит. в 14—15 км от восточной рамки листа, Южная граница — восточная граница Моздокского района. Юго-восточная граница (линия Кабарды), распределяя между тремя ее округами: Казанским (110,16 кв. км.), Пятикавказским (49,64 кв. км.) и Муртазовским (111,15 кв. км.).

Численность населения в территории, расположенной в 25 населенных пунктах с числом жителей около 400 (0 душ): средняя плотность населения — около 269 чел. на 1 кв. км. Селения очень разнообразны по величине: от больших станиц, насчитывающих по несколько тысяч жителей (Прохлада — 12250 ч., Красногвардейская — 5268 ч.), до хуторов с населением в полтора десятка человек (х. Урючий 14 ч.). Национальный состав довольно пестрый: главную массу — около 30.000 или 74,6% — составляют русские (великорусы и украинцы), б. ч. бывшие казаки; далее по численности следуют: кабардинцы — 5600 ч. или 12,9%, (сел. Терек), чеченцы — 3400 ч. (х. Неурмановский, х. Согонский), армяне — 3333 ч. (х. Неурмановский, х. Черняурский, Ново-Сестинская), х. Елваевский, х. Тусуевский, Грозненский), немцы — 945 ч. (колон. Гладенбург, х. Крымский, х. Золотарев) и болгары — 326 ч. (х. Архонский, х. Сухотский). Построены в селениях б. ч. турпленные или саманные.

сельских жителей — кукурузные поля. В настоящее время кукуруза является хлебопашеством: культура озимой пшеницы, кукурузы, ячменя, проса, полсосуха. Зерновые хлеба не только обеспечивают население, но и являются предметом вывоза (ст. Прохладная, Мурзогово). В Малой Кабарде просо и кукуруза занимают 50% пашенной площади, остальное приходится на пшеницу и ячмень. Система земледелия — трехпольная, реже многопольная (колония Гиаденбург); иногда же никакого практического племени не наблюдается: в сел. Неурожайном, напр., кукуруза сеется на однок и том же поле до 9 лет подряд, после чего поле оставляется в запустении. Урожайность хлебов в Мал. Кабарде: кукуруза — средняя 60 пуд., хорошая — 80 пуд. с казен. десятины; пшеница — обычная 50 пуд., хорошая — 100 пуд.; у немцев урожайность выше: кукурузы 110—150 пуд., пшеницы 90—120 пуд. Кабардинцы в настоящее время, вследствие войны, часто не успевают посеять и пшеницы, засоряют ее кукурузой, а также и приобретают даже самоубийственный вред от огромного количества (ст. Приближная, х. х. Архонский, Эривостовский). В стране Павловской развито табаководство, а до революции существовали также большие виноградарства, погибшие вследствие разрухи, вызванной гражданской войной. Виноградарство и виноделие в настоящее время процветают только в кол. Гиаденбург, где под виноградарниками около 230 дес. процветают хорошие именные кусты Каберне. Фруктовых садов почти нет, но часто приусадебной усадьбы имеются отдельные деревья сливы и вишни. Промышленное скотоводство не развито и имеет некторые, хотя все же пасовое, значение только у осетин в х. х. Кабарском и в х. х. Архонском. В Архонском и в х. х. Кабарском отсутствуют. В Прохладной есть чукуративный завод 2 кирпичных и 5 масложировых заводов, 3 просеручих и 6 мельниц. Даровые мукомольные мельницы имеются также в ст. Красногоровской, Чернослонской, в. х. Загвеза; водные мельницы есть во многих селениях.

[illegible]

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Составил *И. С. Шуркин.*

Редактор топ. карты Ст. Инж. *Н. Д. Кудряшцев.*

REVERSE SIDE OF DESCRIPTION MAP SHEET K-38-5 SHOWN AT TAB 8

The accompanying copy contains general description of map coverage, map index and description of legend.

Геодезический Комитет ВСНХ—СССР.

Геодезический Комитет ВСНХ—СССР, является высшим научно-техническим учреждением, осуществляющим задачу по изучению территории С. С. С. Р. в топографическом отношении с целью получения производственных сил страны.

О этом цели Геодезический Комитет производит государственную топографическую съемку в масштабе 1:50 000, а где имеется необходимость, то и в масштабе 1:25 000.

Геодезическим обоснованием для постановки топографических работ являются тригонометрические (I, II и III кт), астрономические и полигонометрические пункты.

Высотным обоснованием съемок являются марки нивелирования высшей точности, точного, а также, иногда, и репера технического нивелирования. Сечение рельефа для съемки масштаба 1:50 000 принято через 10 метров, для масштаба 1:25 000 через 5 метров и для планшетов масштаба 1:100 000 через 20 метров.

Точность топографической съемки определяется ее масштабом. Вычерченные планшеты съемки поступают в картографический Отдел Геодезического Комитета, задачей которого является издание

планшетов в натуральную величину, а затем составление и издание топографической карты в масштабе 1:100 000.

По мере накопления картографических материалов Картографический Отдел будет составлять и издавать карты и более мелких масштабов (1:200 000 и 1:500 000).

Номенклатура и размеры рамок отдельных планшетов и топографических карт выработаны Геодезическим Комитетом и утверждены Глав Восточных Геодезическим с/слом в 1922 году. В основу взята номенклатура международной карты масштаба 1:100 000.

Размеры рамок листа международной карты приняты: 6° по параллели и 4° по меридиану.

Номенклатура листа этой карты состоит из двух обозначений: Номенклатура заглавной буквы латинского алфавита и колонны, обозначающей арабскими цифрами. Ряд в алфавитном порядке обозначаются от экватора к полюсу, а колонны от меридиана, имеющего долготу 18° от Гринвича, по направлению на восток. Лист международной карты составляется из 144 листов топ.

карты масштаба 1:100 000 30 минут по параллели и 15 минут по меридиану.

Этой карты такого же на этой карте входит диния его порядковый номер, в Основой для номенклатуры листа 1:100 000 т.

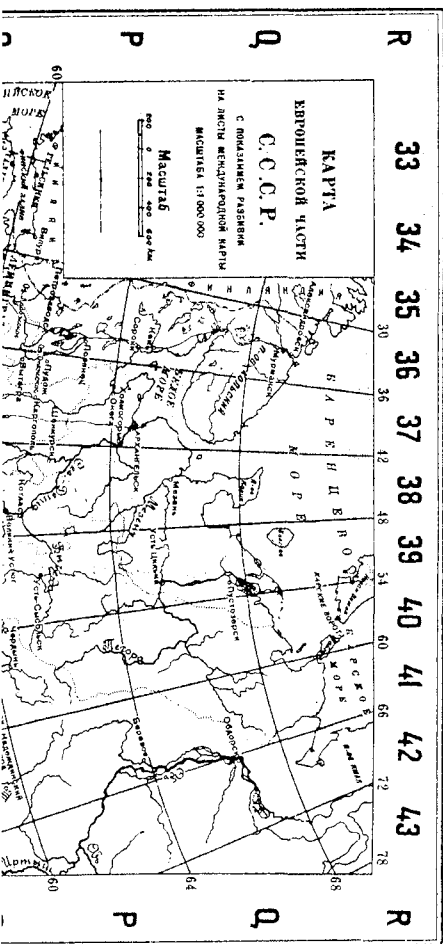
В лист 1:100 000 то 1:50 000 размеры рамок к по меридиану 10 минут. Юний лист топ карты 1:1: русского алфавита А. I листа топ карты 1:100 0

Подписанные планшеты в Геодезическом Отделе (Москва, Ильинка, Кудин учреждения и лица могут иметь копии топ карт

Лист карты 1:1 000 000, разбитый на 144 листа карты масштаба 1:100 000.

K-38-5

1	3	5	7	9	11
14	16	18	20	22	24
25	27	29	31	33	35
38	40	42	44	46	48
49	51	53	55	57	59
62	64	66	68	70	72
73	75	77	79	81	83
86	88	90	92	94	96
97	99	101	103	105	107



accompanying copy contains general description of map coverage, map index
 tion of legend.

Геодезический Комитет ВСНХ—СССР.

Геодезический Комитет ВСНХ—СССР, является высшим на-
 чальством в геодезии, осуществляющим задачу по на-
 чальству С. С. С. Р. в топографическом отношении с
 целью геодезический Комитет производит государ-
 ственную геодезическую съемку в масштабе 1:25 000, а по
 необходимости, то и в масштабе 1:50 000, а по
 необходимости, то и в масштабе 1:25 000.

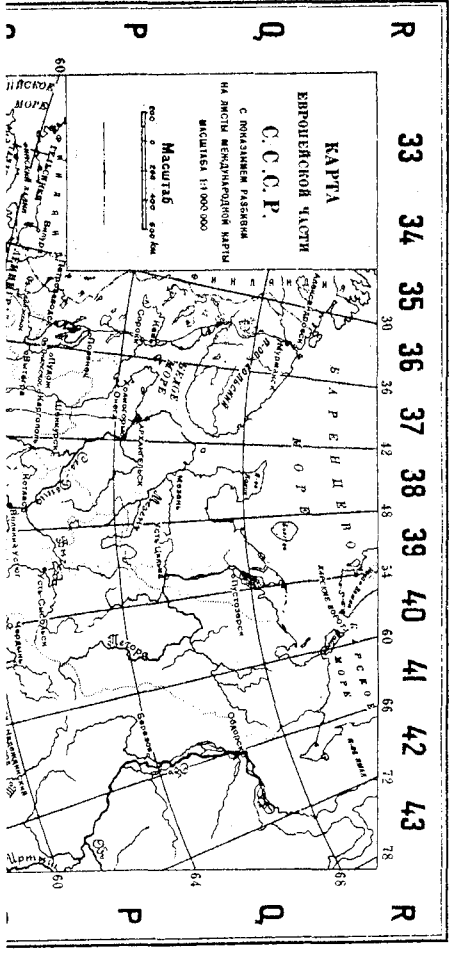
Геодезический Комитет производит государственную геодезическую съемку в масштабе 1:25 000, а по
 необходимости, то и в масштабе 1:50 000, а по
 необходимости, то и в масштабе 1:25 000.

Геодезический Комитет производит государственную геодезическую съемку в масштабе 1:25 000, а по
 необходимости, то и в масштабе 1:50 000, а по
 необходимости, то и в масштабе 1:25 000.

1:000 000, разбитый на 144 листа карты
 масштаба 1:100 000.

K-38-5

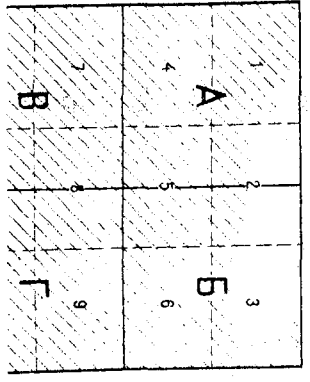
3	7	9	11
16	18	20	22
29	31	33	35
40	42	44	46
53	55	57	59
64	66	68	70
77	79	81	83
88	90	92	94
101	103	105	107

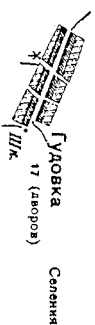
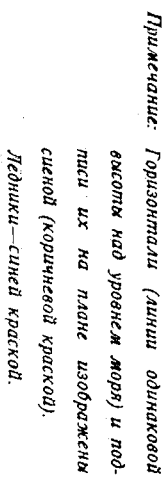
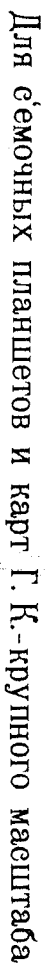
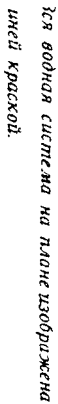


не планшета в натуральную величину, а затем составление и
 издание топографической карты в масштабе 1:100 000.
 По мере накопления картографических материалов картогра-
 фический Отдел будет составлять и издавать карты и более
 мелких масштабов (1:200 000 и 1:500 000).
 Номенклатура и размеры рамок сеченных планшета и топо-
 графических карт вырабатываются Геодезическим Комитетом и утве-
 ждены 1-ым Всероссийским Геодезическим съездом в 1922 году.
 В основу взяты номенклатура международной карты масштаба
 1:100 000.
 Размеры рамок листа международной карты приняты: 6° по
 параллели и 4° по меридиану.
 Номенклатура листа этой карты состоит из двух обозначений:
 ряда, обозначающего буквой латинского алфавита и
 колонны, обозначающей арабскими цифрами. Ряды в алфавитном
 порядке обозначаются от азавтора к полюсу, а колонны от мери-
 диана, имеющего долготу 18° от Гринича, по направлению на
 восток. Лист миллионной карты составляется из 144 листов топ.

карты масштаба 1:100 000, размеры рамок которых составляют
 30 минут по параллели и 20 минут по меридиану. Номенклатура
 этой карты такова: к наземной части листа миллионной карты, в
 который входит данный лист 1:100 000 топ. карты, добавляется
 его порядковый номер, например: N-37-79.
 Основой для номенклатуры и разграфки сеченных планшета
 служат лист 1:100 000 топ. карты.
 В лист 1:100 000 топ. карты входят 4 планшета масштаба
 1:50 000 размеры рамок которых составляют по параллели 15 минут,
 по меридиану 10 минут. Планшеты эти включены в соответствую-
 щий лист топ. карты 1:100 000 обозначаются прописными буквами
 русского алфавита А, Б, В, Г, добавляемыми к номенклатуре
 листа топ. карты 1:100 000, напр.: N-37-79-В.
 Подлежащие планшеты сечок и ориентации топ. карты хранятся
 в Геодезическом Справочном Бюро Геодезического Комитета
 (Москва, Ильинка, Вульва цер., 6), откуда заинтересованные
 учреждения и лица могут получать издаваемые Геодезическим Ко-
 митетом копии топ. карты и планшета.

Лист основной топографической карты масштаба
 1:100 000 с разбитым на четыре сеченных планшета
 масштаба 1:50 000 (сплошными линиями) и на 12
 планшетах 1:25 000 (показаны пунктиром).





Case No. A-6061.



DEPARTMENT OF THE ARMY
UNITED STATES ARMY INTELLIGENCE AND SECURITY COMMAND
FREEDOM OF INFORMATION/PRIVACY OFFICE
FORT GEORGE G. MEADE, MARYLAND 20755-5995

REPLY TO
ATTENTION OF:

June 21, 2005

Freedom of Information/
Privacy Office

Mr. John Young
Cryptome
251 West 89th Street, Suite E
New York, New York 10024

Dear Mr. Young:

References:

a. Your Freedom of Information Act (FOIA) facsimile of March 29, 2001, requesting information concerning "East German Topographic Maps", ZF010829W. This correspondence was received in this office on March 29, 2001.

b. Our letter of April 20, 2001, advising you that additional time was needed to review the records and therefore, we were unable to comply with the statutory 20-day time limit in processing your request.

c. Telephone conversation of April 26, 2001, between Ms. Rampulla, of this office, and yourself, acknowledging receipt of our 20 day letter, and agreeing to waive the statutory 20-day time limit.

d. Telephone conversation of May 3, 2001, between Mrs. Holden, of this office, and yourself, informing you that Mr. Russ Nichols stated that your cases will be handled as standard procedure, and only those with fees will be charged individually.

e. Our letter of June 11, 2002, advising you that \$220.45 was due for reproduction fees.

f. Our letter of July 25, 2002, releasing records to you and advising you that coordination was needed with other government agencies.

Coordination has been completed and the Defense Intelligence Agency (DIA) has informed this office that 20 pages are denied in their entirety pursuant to Title 5 U.S. Code 552 (b)(1), and (b)(2), under Executive Order 12958, as amended. It is not possible to reasonably segregate meaningful portions of the withheld pages for release.

The withholding of the information by the DIA constitutes a denial of your request and you have the right to appeal this decision directly to the DIA. If you decide to file an appeal, it should be forwarded to the Director, Defense Intelligence Agency, ATTN: DAN-1A (FOIA), Washington, DC 20340-5100. Please cite the DIA # 0663-02 assigned to your request so that it may be easily identified.

If you have any questions concerning this action, contact this office at (301) 677-4908. Please refer to case #693F-05.

Sincerely,

A handwritten signature in cursive script, reading "Susan J. Butterfield".

Susan J. Butterfield

Director

Freedom of Information/Privacy Office

Investigative Records Repository

Freedom of Information Act/Privacy Act
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(b)(1)

5 USC 552a (b) (2)

Per DIA

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- ☐ Information originated with another government agency. It has been referred to them for review and direct response to you.
- ☐ Information originated with one or more government agencies. We are coordinating to determine the releasability of the information under their purview. Upon completion of our coordination, we will advise you of their decision.

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FOR THIS PAGE.

Page(s) 643-662

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NOTICE SPECIAL HANDLING REQUIRED

(AR 381-45)

THIS DOSSIER HAS BEEN DESIGNATED A CONTROLLED FILE BY THE
ASSISTANT CHIEF OF STAFF FOR INTELLIGENCE, DEPARTMENT OF THE ARMY.
WHEN FORWARDING TO THE INVESTIGATIVE RECORDS REPOSITORY (IRR)
THIS DOSSIER AND ALL ASSOCIATED CORRESPONDENCE WILL BE PLACED IN TWO
OPAQUE ENVELOPES AND ADDRESSED

COMMANDER
INVESTIGATIVE RECORDS REPOSITORY
ATTN: CONTROL OFFICER
FORT MEADE, MARYLAND 20755

MARK INNER ENVELOPE TO BE OPENED BY ADDRESSEE ONLY

NO MATERIAL WILL BE REMOVED FROM THIS DOSSIER WITHOUT THE
PRIOR APPROVAL OF THE ASSISTANT CHIEF OF STAFF FOR INTELLIGENCE,
DEPARTMENT OF THE ARMY

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ON 17 OCT 2001
BY USAINSCOM FOI/PA
Auth Para 4-102 DOD 5200.1R

704

VOL I OF VOL V

~~SECRET~~

EAST GERMAN TOPOGRAPHIC MAPS



~~SECRET~~

DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY, EUROPE
OFFICE OF THE DEPUTY CHIEF OF STAFF, INTELLIGENCE SB 077-3050
APO 09403

AEAGB-C(SO)

BEATIFY (U) ~~(S)~~

5 - EAST GERMAN TOPOGRAPHIC MAPS

24 JUL 1967

SUBJECT: Mapping and Geographic Requirements (U)

TO: Commanding Officer
513th Military Intelligence Group
ATTN: AEUM(DSC)
APO 09757

1 (U) REFERENCES:

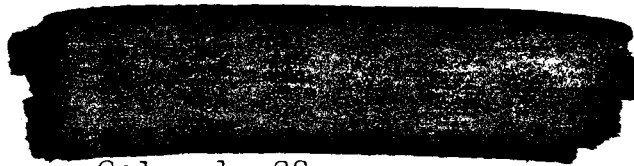
a. 513th msg, K-3203-67, 1 Jul 67, Subj: Request for Information (U).

b. DCSI msg, H-1296, 23 Sept 66, Subj: Mapping and Geographic Requirements (U).

c. RD-C 61-01 37, March 61, Topographic Map Series of East Germany (U).

2 (U) Valid requirement still exists for Krassovski grid map collection. Total area coverage is required for maps scaled 1:25,000; 1:50,000; 1:100,000. This headquarters already possesses and does not need the maps listed in inclosure.

FOR THE DEPUTY CHIEF OF STAFF, INTELLIGENCE:



1 Incl
Appendix C - List of Topographic Series

Colonel, GS
Chief, Collection Division

5 USC 552 (b) (7) (C)

513th MIGp REPOSITORY
26-7-4491

OF 7 PAGES
OF 2 COPIES

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705

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Page(s) 709

~~CONFIDENTIAL~~

FILE SYMBOL: AEUM(DSC)AG-C, 3-66
SUBJECT: Transmittal of Information (U)

DATE: 18 Nov 66

MR: (S) The information being passed to SOT #2 was received from DCSI in answer to our query dated 23 August 1966. DCSI received this information from OACSI, DA, to include a chart reflecting those maps already in the possession of AMS. This information will serve to guide SOT #2 Source 8384 in the collection of desired East German maps. [REDACTED] ja/762

5USC 552 (b) (7) (C)

COORDINATION:

SNR-SECTION CHIEF: [REDACTED]

SECTION CHIEF: Classification reviewed and approved by; approved for release by:

BRANCH CHIEF: [REDACTED] 23/11/66

OPS OFFICER:

5USC 552 (b) (7) (C)

~~CONFIDENTIAL~~

710

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Page(s) 712-713

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Page(s) 715- 717

FWB030
PP RUEPDA RUFMWA
DE RUFMWI 022 2450840
ZNY SSSS
P R 020730Z SEP 66
FM DCSI USAREUR HEIDELBERG GER
TO RUEPDA/DA WASH DC
INFO RUFMWA/CO 513TH INTC GP OBERURSEL GER
BT

~~SECRET~~ LINDIS STAVES (U) H-1296
ACSI FOR DFIR, 513TH FOR AEUM(DSC), FROM AEAGB-C(SO)
SUBJECT: MAPPING AND GEOGRAPHY REQUIREMENTS (U)
REFERENCE: LETTER, ACSI-CO, DTD 30 JUNE 1961, SUBJ:
MONETARY VALUE OF TOPOGRAPHIC MAPS (U)

1. ~~U~~ THE 513TH INTC GROUP IS FORMULATING PLANS
TO CONTACT PENETRANT LEADS SURFACED BY USAREUR SOURCE
8384. LEADS ARE AFFILIATED WITH THE [EAST GERMANY MIN-
ISTRY OF THE INTERIOR] AND CLAIM ACCESS TO CLASSIFIED
EAST GERMAN KRASSOVSKIY TOPOGRAPHIC MAPS. THESE MAPS,
WHICH ARE BASES ON A UNIFORM, SOVIET BLOC-WIDE GRID
SYSTEM, ARE CONTROLLED CLASSIFIED ITEMS AND ALLEGEDLY
ARE USED BY ALL SOVIET BLOC MILITARY FORCES AS THE STAND-
ARD STRATEGIC AND TACTICAL MAP REFERENCES.

2. ~~U~~ REQUEST CURRENT SHEET NUMBERS DESIRED FOR
EAST GERMAN KRASSOVSKIY MAPS AND CURRENT SUGGESTED PRICE

PAGE 2 RUFMWI 022 ~~SECRET~~ LINDIS STAVES
LISTS FOR PLANNING PURPOSES AS PREVIOUSLY PROVIDED
BY REFERENCED 1961 LETTER ABOVE GP-3
BT

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NOT AUTOMATICALLY DECLASSIFIED
DOD DIR 5200.10

513th ICG REG. NO.

2-6-4688

~~SECRET~~
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ON 17 OCT 2001
BY USAINSCOM FORPA
Auth Para 4-102 DOD 5200.10

SPECIAL HANDLING
REQUIRED
SUSC 552 (D) (7) (C)

718

PAGE 1 OF 1 PAGES

~~SECRET~~
~~CONFIDENTIAL~~

8

PRIORITY

DSC 513TH MI GP OBERURSEL

ODCSI USAREUR HEIDELBERG GER

~~SECRET~~ LIMDIS BEATIFY (S) K-3203-67 FR AEUM(DSC)AG
FOR AEAGB-C(SO)

Subj: Req for Info (U)

Ref: (U) a. Our msg, AEUM(DSC)AG-242-46, Subj as above, dtd
23 Aug 66
b. Ur msg H-1296, Subj Mapping and Geograph Req,
23 Sep 66
c. Ur msg AEAGB-C(SO)-27-6-3326, Subj as above, dtd
21 Oct 66

1 (S) [REDACTED]

[REDACTED] further Subj still alleges to have
access to Krassovskiy grid maps

2 (S) [REDACTED]

3. (S) Req your Hqs query DIA for most curr info concerning
validity of continuing Krassovskiy map collection. Req timely and
curr specific guidance on SZG map sheet desired GP-3

513th MIGp REPOSITORY

1-7-3986

SUSC 552 (D) (7) (C) 762 233

ICOP AEUM(DSC)AG

GROUP 3

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BY CDR USAINCOM FOIPO
Auth Para 1.503 DoD 5200.1-R

~~SECRET~~

719

PAGE 1 OF 1 PAGES
COPY 2 OF 2 COPIES

HEADQUARTERS
513TH MILITARY INTELLIGENCE GROUP
APO NY 09757

~~CONFIDENTIAL~~
DSC COORDINATION DATA

FILE SYMBOL: AEUM(DSC)AG

SUBJECT: Req for Info **5 USC 552 (b) (7) (D)**

DATE: (b)(1)

MFR:

(c) File in [REDACTED]

[REDACTED]

During the June contact Subj was on the v of acceptance, one more mtg which is scheduled for some time in [REDACTED] should prove to be the deciding factor. Now that recruitment appears to be imminent, OCT 1 seems hesitant about accepting the operation as it is not one of the priority targets of the Group. OCT 1 sees the value of the operation but feels it should be exploited by so unit other than themselves. Further, OCT 1 is concerned with the ability of the AN to properly debrief Subject. *for info on map collection*
This TWX queries DCSI to determine if they will sponsor such an operation in view of the Groups' current mission assignments. *provide info and details* If DCSI concurs in the recruitment of Subject for the collection of the Krassovski maps, OCT 1 will be instructed to continue the operation. If not, the operation will be transferred at the earliest oppor DCSI's decision re X-15431 will have considerable bearing on the whole 8384 complex. [REDACTED] let/762

COORDINATION: *

CH, COLL BR

CH, ACQ BR

CH, OP SPT BR

CH, ADMIN BR

AG

RQTS & TGTS

CSC

ADMIN SEC

ANG

IR

POLY

SCTY SVC SEC

ANG-C

LEADS

OP SCTY

CH, LOG BR

ASO

AAS

B & F

APPROVAL: [REDACTED]

OP OFF

DSC

REQUIRES INITIALS AND DATE

AEUM FL Form 586 (5 Jun 67)

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GROUP - 3

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Not automatically declassified

720

5 USC 552 (b) (7) (C)

MEMO ROUTING SLIP		NEVER USE FOR APPROVALS, DISAPPROVALS, CONCURRENCES, OR SIMILAR ACTIONS		ACTION	
1	TO [REDACTED] <i>CJF</i>	INITIALS	CIRCULATE	DATE	COORDINATE
2	[REDACTED]	<i>Wan</i>	FILE	<i>30/6/67</i>	INFORMAL
3			NOTE AND RETURN		PER CONVERSATION
4			SEE ME		SIGNATURE
REMARKS This is rewritten Map TWX to DCST requesting sp. Item of poss interest to [REDACTED] per his discussion with [REDACTED] and myself yesterday.					
FROM [REDACTED] Ch, GERMAN		DATE 30 Jun 67		PHONE 762	

5 USC 552 (b) (7) (C)

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Page(s) 722 + 723

~~CONFIDENTIAL~~
FILE SYMBOL: AEUM(DSC)AG-2-2-66
SUBJECT: Request for Information (U)

DATE: 23 Aug 66

5USC 552 (b) (7) (C)

MR. (U) To insure current requirements for positive collection of Krassovskiy Maps, DCSI is being requested to furnish latest updated information. Latest info this Headquarters is of 1961 vintage. Query by [REDACTED] late of Acquisitions Section to DCSI indicated that above referenced info latest info available from DCSI inventory. [REDACTED] jm/762

5USC 552 (b) (7) (C)

COORDINATION: [REDACTED] "H, for Ch. [REDACTED]

SECTION CHIEF: [REDACTED] 23/VIII/66

SECTION CHIEF: Classification reviewed and approved by; approved for release by: [REDACTED]

BRANCH CHIEF: [REDACTED] 23/8/66

ACQUISITIONS BR, R&T Section: [REDACTED] WPAF

OPS OFFICER:

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ON 17 OCT 2001
BY USAINSCOM FOLTA
Auth Para 4-102 DOD 5200.1R

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724

IR

MEMO ROUTING SLIP		NEVER USE FOR APPROVALS, DISAPPROVALS, CONCURRENCES, OR SIMILAR ACTIONS		ACTION	
1 TO	Special Liaison ATTN: [REDACTED]	INITIALS	CIRCULATE	DATE	COORDINATION
2	AEUMC - AG ATTN: [REDACTED]	FILE		DATE	INFORMATION
3		NOTE AND RETURN		DATE	PER CONVERSATION
4		SEE ME		DATE	SIGNATURE
REMARKS					
<p>Ted</p> <p>Can you determine whether or not a Map (Geographic) Attache has been assigned to US Embassy, Bonn, replacing [REDACTED] who departed a couple of years ago? If there is such a person, could we have his name?</p> <p>Thanks,</p> <p>[REDACTED]</p> <p>Yes - his name is [REDACTED] (INF 1)</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>					
FROM		[REDACTED]		DATE	
AEUMC*AG				1/III	
				PHONE	
				769	

DD FORM 95
1 OCT 60

REPLACES PREVIOUS EDITION.

O - 343

725

~~CONFIDENTIAL~~

File X90068

TELEPHONE OR VERBAL CONVERSATION RECORD Memorandum for the Recorder (40-15)		DATE
LAST NAME - FIRST NAME - MIDDLE INITIAL OR, SUBJECT OF CONVERSATION		GRADE
Concept of Operation- Map Collection		SERVICE NUMBER
HOME ADDRESS OR ORGANIZATION AND STATION		
PERSON CALLING	OFFICE OR RELATIONSHIP	TELEPHONE NUMBER
INFORMATION OR ACTION SOUGHT		
To strengthen current Group effort re: Map Collection.		
INFORMATION GIVEN OR ACTION XXXX PROPOSED		
fhfhDufhfhfhfhfhfhfhfhfh		
1. Dossier review of 8384 and all related sub-sources		
2. Dossier review of old "Project Bromo-Seltzer" operation- targeted against collection of Krassovskiy Ellipsoid Maps.		
3. fhfhfhfhfhfhfhfhfh Conversations with AH [REDACTED] Bremerhaven Station, AH of 8384.		
4. Targeting Review of all maps collection SICRs		
a. Meeting, establishment of liaison with DCSI map specialists.		
b. Acquisition of publications as result of a, and conference with DIA rep [REDACTED]		
5. Meeting with Map Attache, Bonn, for further requirements, current matter establishment of rapport. Should be accompanied by [REDACTED] Acquisitions Sec.		
6. Completion of Staff Study- Map Collection. Target Date September 1966		
7. Implementation		
CLERK TAKING CALL	TIME	SEARCHED BY
		TIME
DATE	SIGNATURE	
	DIRECTING ACTION	

5USC 552 (b) (7) (C)

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5USC 552 (b) (7) (C)

DA FORM 751
1 FEB 58

REPLACES EDITION OF 1 OCT 51

726

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AG (1) 8-64-100M-10

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Page(s) 734

at 9th BC Co WEFERLINGEN
(PC 398984)

10. NO. OF PAGES: 3

3. ISC NUMBER:

11. REFERENCES:

DIRM: 3E1, 1J

4. DATE OF INFORMATION: 17 January 1966

12. ORIGINATOR: C&I Bn, 513th INTC Gp

5. PLACE AND DATE OF ACQ: Oberursel, Germany
23 February 1966

13. PREPARED BY:

6. EVALUATION: SOURCE F INFORMATION 6

14. APPROVING AUTHORITY:

7. SOURCE:

Major, AIS
Operations Officer

15. SUMMARY:

(1)(C) This report furnishes limited information on map storage and utilization at 9th BC Co located in WEFERLINGEN.

REPORT

1. ~~(S)~~ General

As obtained a free access to the Company Orderly Room, Company Officer office and the Operations Office. These offices were normally off limits to the lower ranking EM's.

- 2-USAREUR, DCSI
- 1-USEUCOM, J2
- 1-USAFE, DCSI
- 1-NAVEUR REFGER, Frankfurt

16. DISTRIBUTION BY ORIGINATOR:

- 1-USASAC
- 2-USA/SPD
- 2-Seventh US Army
- 2-10th SF Gp (Abn)
- 1-AF InO w/C&I Bn
- 4-Op Br, 513th INTC Gp
- 1-Op Br, 513th INTC Gp
- ATTN: ORBN
- 1-Det "A" BERLIN Bde

17. DOWNGRADING DATA:

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DOD DIR 5200.10

18. ATTACHMENT DATA:

None

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CONFIDENTIAL

CONFIDENTIAL
(Classified by [redacted] on [redacted])REPORT NO. 2 218 1194 66
PAGE 2
ORIGINATOR 2 3
C&I Bn, 513th
INTC Group

(Leave Blank)

Lower ranking personnel must first obtained special permission, or to be accompanied by the Border Officer, to enter the Operation Office.

2(U)(C) Map Storage

Source stated that several times, while in the CO's office, he observed several rolls of unidentifiable maps and documents stored inside the CO's field safe (Stahlschrank). Source could not recall any classification markings, on the documents nor the safe. He believes that these maps and documents were assigned to the 9th BC Co and covered the company's border area of responsibility which extended from (PC 373995) to (PC 390968). These maps and documents were locked in the field safe all the time. As far as Source could recall, there was only one key to the field safe, which was always in the CO's possession. When the CO was absent, or not in the Company area, he turned the key over to the Duty Officer (Offizier von Dienst) for safekeeping. Only the Company Officer and the Duty Officer were authorized access to or to open the safe. The Duty Officer could open the safe only in case of extreme emergency.

3(U)(C) Operational Map

From May 65, when Source was promoted and assigned duty as Assistant Platoon Leader, he became familiar with the operation map. This map was approx 1 x 1 m, located on the wall in Fuehrungs Punkt (Operation Office). Source stated that this map had no name nor scale of any type, but it is believed to be similar to the scale of 1:25,000. It was produced or reproduced, from several other maps by the 2nd BC Bn, located in SEGGERDE, (PD 4104). On hearsay information from several Co officers this map was received by the CO, on his signature, from the Bn courier beginning of each month. The CO then divided the map, with black color pencil, the Co's area of responsibility into three equal sections, but only the West Germany portion of the map. He also made the following markings in the lower right corner: Civilian Buses, British Patrol, BGS-jeep (Kuebel), BGS-MTW (Mannschaft Transport Wagen), ZGD (Zoll Grenze Dienst), planes and helicopter. At this time the map was ready for operational use and was placed on the wall in the Operation Office. The old map, for the previous month, with all markings on it was then handcarried by the courier back to the Bn. Same procedures were taken each month by the CO. Further disposition of this map is unknown to Source.

4(U)(C) Marking of the Operational Map

Source stated that only the CO, Border Officer (Grenzesicherung Offizier) and the Platoon Leader (Zugfuhrer), were authorized to do any marking on the Operation Map. The map had no overlay, the marking was done directly on the map. When the Border Officer or the Platoon Leader, who was on duty, received a call from the BC patrol on Western sightings, he then indicated the following information on the map. The sighting was composed of following questions: date, time, who or what and where who or it was sighted. Several colored pencils were used to mark the information.

5(U)(C) Security of the Operational Map

Source stated that this Operation map was handled as Confidential (Vertrauliche Verzeichnisse Sache). It was stamped with a large stamp only at the top. The entire map was covered by white curtain all the time, when not in use. Before this curtain could be opened, the curtains on the windows had to be closed. Only the above stated personnel were authorized to see the map.

COMMENTS

(C) Source

5 USC 552 (b) (7) (D)

(S)(U)

CONFIDENTIAL

Lower ranking personnel must first obtained special permission, or to be accompanied by the Border Officer, to enter the Operation Office.

2. (C) Map Storage

Source stated that several times, while in the CO's office, he observed several rolls of unidentifi maps and documents stored inside the CO's field safe (Stahlschrank). Source could not recall any classification markings, on the documents nor the safe. He believes that these maps and documents were assigned to the 9th BC Co and covered the company's border area of responsibility which extended from (PC 373995) to (PC 390968). These maps and documents were locked in the field safe all the time. As far as Source could recall, there was only one key to the field safe, which was always in the CO's possession. When the CO was absent, or not in the Company area, he turned the key over to the Duty Officer (Offizier von Dienst) for safekeeping. Only the Company Officer and the Duty Officer were authorized access to or to open the safe. The Duty Officer could open the safe only in case of extreme emergency.

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5. (C) Security of the Operational Map

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COMMENTS

(C) Source

5 USC 552 (b) (7) D

CONFIDENTIAL

(b)(7)(d) (X)

(Classified and Control Markings)

[REDACTED]

Source was of average intel-
ligence, cooperative, friendly and answered all questions willingly. Source has been
in the position to observe the information submitted.

COMMENTS OF APPROVING OFFICER

(U) THIS IS RAW UNEVALUATED INFORMATION

CONFIDENTIAL

1. COUNTRY: EAST GERMANY 022 REPORT NUMBER: 2 218 1194 66
2. SUBJECT: ~~(S)~~ Map Utilization and Storage 9. DATE OF REPORT: 28 February 1966
at 9th BC Co WEFERLINGEN
(PC 398984)
10. NO. OF PAGES: 3
3. ISC NUMBER: 11. REFERENCES: DIRM: 3EL, 1J
4. DATE OF INFORMATION: 17 January 1966 12. ORIGINATOR: C&I Bn, 513th INTC Gp
5. PLACE AND DATE OF ACQ: Oberursel, Germany 13. PREPARED BY: [REDACTED]
23 February 1966
6. EVALUATION: SOURCE F INFORMATION 6 14. APPROVING AUTHORITY: [REDACTED]
7. SOURCE: [REDACTED] (b)(1)

5 USC 552 (b) (7) (D)

15. SUMMARY:

(Leave Blank)

(S) This report furnishes limited information on map storage and utilization at 9th BC Co located in WEFERLINGEN.

REPORT

5 USC 552 (b) (7) (D)

1. (S) General

obtained a free access to the Company Orderly Room, Company Officer office and the Operations Officer. These offices were normally off limits to the lower ranking E1's.

2-USAEUR, DCSI
1-USEJCOM, J2
1-USAFTN, DCSI
1-NAVHUR REPER, Rpt

16. DISTRIBUTION BY ORIGINATOR:

1-USAFA
2-USA/SFD
2-Seventh US Army
2-10th SF Gp (Abn)
1-AF LNO w/C&I Bn
4-Op Br, 513th INTC Gp
1-Op Br, 513th INTC Gp
ATTN: ORDN
1-Det "A" BERLIN Bde

17. DOWNGRADING DATA:

DOWNGRADED AT 12 YEAR INTERVALS
NOT AUTOMATICALLY DECLASSIFIED;
DOD DIR 5200.10

18. ATTACHMENT DATA:

None

CONFIDENTIAL
CONFIDENTIAL

Duplicates of
pages 735-738

739
BEST COPY AVAILABLE

Lower ranking personnel must first obtain special permission, or to be accompanied by the Border Officer, to enter the Operation Office.

2. ~~use~~ Map Storage

Source stated that several times, while in the CO's office, he observed several rolls of unidentified maps and documents stored inside the CO's field safe (Stahlschrank). Source could not recall any classification markings, on the documents nor the safe. He believes that these maps and documents were assigned to the 9th BC Co and covered the company's border area of responsibility which extended from (PC 373995) to (PC 390968). These maps and documents were locked in the field safe all the time. As far as Source could recall, there was only one key to the field safe, which was always in the CO's possession. When the CO was absent, or not in the Company area, he turned the key over to the Duty Officer (Offizier von Dienst) for safekeeping. Only the Company Officer and the Duty Officer were authorized access to or to open the safe. The Duty Officer could open the safe only in case of extreme emergency.

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COMMENTS

5 DEC 552 (b) (7) (D)

Source

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742
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[REDACTED]

in the position to observe the information submitted.

COMMENTS OF APPROVING OFFICER

(U) THIS IS RAW UNEVALUATED INFORMATION

(b)(7)(D)
(b)(1)

~~CONFIDENTIAL~~

contents in any material... person is prohibited by law.

CONFIDENTIAL
(Classification and Control Markings)

COUNTRY: EAST GERMANY
SUBJECT: (C) Map Utilization and Storage
at 9th BC Co WEFERLINGEN
(RU 1398984)
ISC NUMBER:
022 8. REPORT NUMBER: 2 218 1194 66
9. DATE OF REPORT: 23 February 1966
10. NO. OF PAGES: 3
11. REFERENCES: DIRM: 3EL, 1J

5 USC 552 (b) (7) (C)

12. ORIGINATOR: C&I Bn. 513th INTC Co.
13. PREPARED BY: [REDACTED]
14. APPROVING AUTHORITY: [REDACTED]
Major, AIS
Operations Officer

5 USC 552 (b) (7) (D)

15. SUMMARY:
(8) This report furnishes limited information on map storage and utilization at 9th BC Co located in WEFERLINGEN.

(Leave Blank)

REPORT

1. (8) General

5 USC 552 (b) (7) (D)

(8)(X)

[REDACTED]
[REDACTED]
[REDACTED] obtained a free access to the Company Orderly Room, Company Officer office and the Operations Office. These offices were normally off limits to the lower ranking EM's.
2-USAREUR, DCSI
1-USEUCOM, J2
1-USAF, DCSI
1-NAVEUR, REPER, Fkt

16. DISTRIBUTION BY ORIGINATOR:

- 1-USASAL
- 2-USA/SPD
- 2-Seventh US Army
- 2-10th SF Gp (Abn)
- 1-AF LNO w/C&I Bn
- 4-Op Br, 513th INTC Gp
- 1-Op Br, 513th INTC Gp
- ATTN: ORBN
- 1-Det "A" BERLIN Bde

3-COFA

17. DOWNGRADING DATA:

DOWNGRADED AT 12 YEAR INTERVALS
NOT AUTOMATICALLY DECLASSIFIED;
DOD DIR 5200.10

18. ATTACHMENT DATA:

None

CONFIDENTIAL
CONFIDENTIAL

Duplicate of
pages 739-741

742
BEST COPY AVAILABLE

Lower ranking personnel must first obtained special permission, or to be accompanied by the Border Officer, to enter the Operation Office.

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COMMENTS

(S) Source

(S)

5 DEC 552 (S) (74) (U)

CONFIDENTIAL

(S)(M)

(S)(M)(L)

[REDACTED]

11 years, cooperative, friendly and answered all questions willingly. Source has been in the position to observe the information submitted.

COMMENTS OF APPROVING OFFICER

(U) THIS IS RAW UNEVALUATED INFORMATION

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

MEMO ROUTING SLIP

FOR APPROVALS, DISAPPROVALS,
CONCURRENCE, OR SIMILAR ACTIONS

1 TO		INITIALS	ACTION
AG	[REDACTED]		CIRCULATE
ATTN			COORDINATION
2			FILE
			INFORMATION
3			NOTE AND RETURN
			PER CON- VERSATION
4			SEE ME
			SIGNATURE

REMARKS

Please file the attached in the Dossier signed out by you.

Protective marking may be
cancelled after removal of
Inclosures.

FROM	DATE
AEUMC-ORB	28 Apr
	PHONE 775

DD FORM 95
1 OCT 60

REPLACES PREVIOUS EDITION

O - 343

745

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REGRADED UNCLASSIFIED
ON 17 OCT 2001
BY USAINSCOM FORPA
Auth Para 4-102 DOD 5206.12

1. COUNTRY: EAST GERMANY 022 8. REPORT NUMBER: 2 218 0696 66 *File*
 2. SUBJECT: *(U)* DRESDEN REGION, Engineer Survey Group (5103N-1344E) (VS1156) 9. DATE OF REPORT: 28 February 1966 *X90068*
 3. ISC NUMBER: 10. NO. OF PAGES: 25
 11. REFERENCES: DIRM: 2E4Q
 4. DATE OF INFORMATION: May 1965 12. ORIGINATOR: C&I Bn 513th INTC Gp
 5. PLACE AND DATE OF ACQ: Oberursel, Germany 4 February 1966 13. PREPARED BY: [REDACTED]
 6. EVALUATION: SOURCE F INFORMATION 6 14. APPROVING AUTHORITY: [REDACTED]
 7. SOURCE: [REDACTED] (DOB: [REDACTED]) Major, AIS Operations Officer

15. SUMMARY: DIA EVALUATION OF THIS REPORT IS REQUESTED
 (U) This report furnishes detailed information on the Dresden-Region Engineer Survey Group (VEB Ingenieurvermessungswesen), which operates three branch offices at DRESDEN. This group is primarily engaged in land surveying of new EGA agricultural and industrial projects. This organization mainly cooperates with the local land registrars' offices (Katasteramt).

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REPORT

For Table of Contents, See Page 2.

2-USAREUR, DCSI
 1-USEUCOM, J2
 1-USAFE, DCSI
 1-NAVEUR REPER, Fkft
 1-USASAE

16. DISTRIBUTION BY ORIGINATOR:

2-USA/SPD
 2-Seventh US Army
 2-10th SF Gp (Abn)
 1-AF LNO w/C&I Bn
 4-Op Br, 513th INTC Gp
 1-Op Br, 513th INTC Gp
 ATTN: ORBN
 1-Det "A" Berlin Bde
 5 [REDACTED]
 3-CCFPA
 10 [REDACTED]
 1 [REDACTED]
 1 [REDACTED]
 1 [REDACTED]
 1 [REDACTED]

17. DOWNGRADING DATA:

DOWNGRADED AT 12 YEAR INTERVALS
 NOT AUTOMATICALLY DECLASSIFIED
 DOD DIR 5200.10

18. ATTACHMENT DATA:

None

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1. (b) General Duties of Source

[REDACTED]

and surveyed land for contemplated construction of military installations. Source mainly carried optical surveying equipment, markers, or dug bench marks in the field. The survey teams of his [REDACTED] worked all year round on field assignments. The teams were motorized, left their brigade office every Monday, and returned with survey data every Friday. The final drafting of pertinent projects was performed at the Brigade Office, where it was also reproduced, and subsequently forwarded to the originator of the respective survey order.

Source's information is chiefly based on his observation as ^{an} assistant to the surveyors, or on information obtained from senior workers and superiors of his group.

2. (b) Location

(For location of the Main Administration and its three branch offices, see Fig 1. For Layout of Branch Office, Brigade Nr III, see Fig 2 and 3).

The Main Administration of the Dresden-Region, Engineer Survey Group (1, Fig 1) is located in DRESDEN on "Doktor Kurt-Fischer-Platz" (VS133594). The large, 4-story, pre-WW II masonry building accommodates on its first floor an unknown punch-card enterprise, called "VEB Lochkartensystem". The second story accommodates an unknown state-operated "Office of Trigonometry," which designs and builds new trigonometric towers in Saxony (Sic). The same floor also houses a vocational school for technical or surveying draftsmen, called BBS-Betriebsberufsschule, which is administered by the Dresden-Region Engineer Survey Group, and which trains about 20 students per annum. The third floor accommodates an unknown, state-operated department of photogrammetry, topography and cartography. According to Source none of these agencies are related to the Dresden-Region Engineer Survey Group. The top floor accommodates the Dresden-Region Engineer Survey Group, Main Administration, (Hauptbuero) the head of which is unknown to Source.

The three branch offices of the main administration are physically located in different sections of DRESDEN. The Branch Office, called Brigade Nr. I or (Nebenstelle I), is located at # 11, Hohestrasse, DRESDEN (VS095536) (4, Fig 1). (Further details on type of building are unknown, since Source knows this address from correspondence only). The second branch office, called Brigade Nr. II or (Nebenstelle II), is located on the premises of the Technical College (THDRESDEN) (VS109539), (3, Fig 1). No details on this branch office are known, because Source never entered this building. The third branch office, called Brigade Nr. III or (Nebenstelle III), was Source's place of work, and it is located at # 20, Wasastrasse, DRESDEN (VS131541) (2, Fig 1; and Pt 2, Fig 2).

3. (b) Organization and History

(For Organization Chart, See Figure 13).

The engineer survey service (VEB Ingenieurvermessungswesen) was organized in 1959, after the deactivation of the forest engineering survey service (VEB Forstvermessungsdienst). Qualified personnel, like survey engineers, draftsmen, field assistants, and truck drivers, were taken over by the newly created engineer survey service, which was organized on a regional basis. (The numbers of region headquarters in East Germany are unknown). Each regional main office (Hauptbuero) maintains several surveying brigades. The DRESDEN-Region maintains three brigades, which perform land or cadastral surveying within the areas of DRESDEN, MEISSEN (5110N-1328E), GROSSENHAIN (5117N-1331E), SENFTENBERG (5131N-1401E), CALAU (5145N-1356E), COTTBUS (5145N-1419E).

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CONTINUATION SHEET	CONFIDENTIAL (Classification and Control Markings)	REPORT NO. 2 218 0696 66 PAGE 4 OF 25 ORIGINATOR C&I Bn, 513th INTC Gp
<p>FORST (5144N-1439E), possible GUBEN (5157N-1443E), SPREMBERG (5134N-1422E), WEISSWASSER (5130N-1438E), HOYERSWERDA (5126N-1414E), NIESKY (5117N-1449E), BAUTZEN (5111N-1426E), KAMENZ (5116N-1406E), GOERLITZ (5109N-1459E), LOEBAU (5105N-1440E), ZITTAU (5054N-1447E), BISCHOPSWERDA (5107N-1410E), SEENITZ (5058N-1416E), and FIRNA (5058N-1356E).</p> <p>4. 4.0 <u>Subordination</u></p> <p>All regional engineer survey groups are directly subordinate to the (Verwaltung Vermessungs - und Kartenwesen) VVK-Main Administration, East BERLIN, and in turn, to the Ministry of the Interior.</p> <p>5. 5.0 <u>Mission</u></p> <p>The mission of the various regional engineer survey groups in East Germany is to perform land and cadastral surveys for agricultural, industrial and military installations, which contemplate above or below ground new constructions on their premises and require exact survey data for the execution of the contemplated projects. (These survey groups do not perform any civilian or military mapping and/or cartographic tasks, and no surveying for the East German Railways Administration. The Railways (Reichsbahn) maintain its own RR surveying organization for RR construction projects).</p> <p>The three brigades of the DRESDEN-Region Engineer Survey Group have varying survey assignments. Brigades Nr. I and II carry land or cadastral surveying within urban areas (Stadtvermessungen). This surveying included objects of industrial and military nature. However, Brigade Nr. III carries out surveying of agricultural, industrial and military objects located outside of urban boundaries.</p> <p>Each surveying brigade closely cooperates with the local land registry offices (Katasteramt), located in each district town within the geographic responsibility of Regional Engineering Survey Groups, to obtain data on land owners, and size of registered premises.</p> <p>6. 6.0 <u>Budgeting</u></p> <p>The overall annual budget of the DRESDEN-Region Engineer Survey Group is unknown to Source. However, the budgeting of his Brigade Nr. III increased annually by 150,000 DME. The annual budget of Brigade Nr III amounted to in 1964/65 at 500,000 DME. The 1965/66 budget provides projects for about 650,000 DME. This information is based on hearsay from his supervisory survey engineers.</p> <p>7. 7.0 <u>Processing of Survey Orders</u></p> <p>The military, industrial, or agricultural customers, who request a survey service, contact the headquarters of the Engineer Survey Group in their respective geographic region. As to nature of survey project, the headquarters refers the customers to the pertinent survey brigade charged with the processing of the newly assigned order. The chief of the survey brigade chooses a survey team leader out of his staff, and personally contacts with his team leader the customer in order to discuss the contemplated survey project and to inspect the land to be surveyed. The physical inspection of the survey site takes on average 2 or 3 days.</p> <p>During the initial contact with the customer, the latter hands over to the survey team all land registry data obtained from the local Land Registry Office. The chief of the surveying team attempts to obtain additional data through other channels (details unknown) if the information supplied by the Land Registry Office is incomplete. Each customer also supplies the surveying team with a 1:25,000 area map, which according to brigade surveyors, serves for orientation purpose only and is directly obtained by each customer from the VVK-Main Administration for Surveying and Mapping in East BERLIN prior to each survey order. According to Source's observation from Nov 63 to May 65, the survey brigades do not hold any lower large-scaled area maps in their archives. However, their archives contain only copies of finished surveying projects.</p>		

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The survey team carried out the surveying in the field with conventional theodolites and tachymetric equipment. The surveying mainly consists of determining distances, bearings and elevations of desired premises to be used for surface and/or subsurface construction activities. Each team usually consists of one engineer, and one or two assistants, and a driver. In case of long-distance survey projects, i.e.; land surveying of gas mains, high-tension transmission lines, or of uranium ore prospecting areas, two or three teams work together on such a project at the same time.

The survey team leader makes blow up sketches, which contain polygonometric data, traverse stations, elevation/or contour lines and related fixed points or objects. The blow up sketch consists of a white cardpaper sheet, 1.2 x 0.6 m, provided with a 1:5,000 scale grid for military survey projects and orders; and with a 1:10,000 scale grid for industrial and agricultural projects. Each blow up sketch is then finally redrawn by the drafting section of each survey brigade. Upon completion of the surveying projects, each drawing is reproduced in 6 or 8 copies by the municipal reproduction department "Lichthof", in DRESDEN and which is located in the townhall, DRESDEN-Altmarkt. This is the central reproduction department, administered by the town administration (Rat der Stadt).

After the delivery of a completed survey project, the customer remits the money for all surveying expenses to the bank account of each regional engineer survey group.

8(U)(C) Installations of Survey Brigade III

(For Layout, See Figures 2 and 3.)

The Survey Brigade III is located on the corner of Wasastrasse and Gustav-Adolfstrasse in DRESDEN. The installation area covers 80 x 40 m, and it is enclosed by a grated iron fence, 1.4 m high, mounted on a 0.6 m high masonry wall (1, Fig 2). The main entrance to it is on Wasastrasse, Nr 20. The installation area contains a main building (2, Fig 2), a motorcycle shed (3, Fig 2), and a garage building for two vehicles (4, Fig 2). A garden extends between buildings.

The main building is a 15 x 15 x 8 m, two-story, grey-plastered Pre-WW II masonry building with a mansard roof, which has some glass portions. The main entrance to this building is from the N-side. Conventional, wooden-framed windows are in all load-bearing walls. No window is secured by bars. The basement contains a small boiler section; a storage and repair room for survey markers and related wooden metering equipment as well as a file and archive section used for the storage of completed survey projects. The wooden door of this section is locked by a conventional lock. The key is administered by [REDACTED] a female survey engineer who is the chief of all drafting personnel, and responsible for the technical administration of Brigade Nr III. She has only access to this archive section, and after each locking, she seals the wooden door by a wax seal above the lock. Source never entered this archive section, but observed its location when repairing wooden markers and levelling equipment in the basement.

The entire first floor, which is elevated, accommodates the whole Survey Brigade Nr. III. (For Floor layout, see Fig 3).

The second floor is unknown to Source, but he heard from senior workers that it accommodates the apartment of the house owner (nu), who is about 75 years of age, and who presently performs the duties of a house-keeper of subject building, which is not specifically guarded over night or after duty hours. During day time, the working personnel is responsible for all security measures.

9(U)(C) Labor Force of Survey Brigade Nr. III

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SUSC 552 (b) (7) (D)

(b) (7) (C)

(Leave Blank)

The chief of [redacted] supervises 12 surveyors (Vermessungsingenieure); 7 female drafts girls (Facharbeiter); four surveyor helpers (Vermessungshelfen), including two truck drivers; and one female secretary. [redacted] is the only female surveyor. The regular office hours are from 0645 to 1630 hrs, from Monday through Friday. There is no Saturday and Sunday work, except for emergency cases, which did not occur during [redacted]. The surveyors, who are assigned field surveying missions, work at irregular hours in the field. They leave the brigade office every Monday morning, and return by Friday afternoon in order to turn-in their notes and sketches for final drawing in ink and for reproduction.

The chief's monthly income amounts to 1,200 DME, plus a premium for each survey project. This premium does not exceed 200 DME.

The surveyors earn 760 DME monthly, plus a project premium of 700 DME, plus 9 DME per diem, if surveying in the field.

The personnel of the drafting section earn 520 DME monthly; and the helpers 410 DME per month, plus a 300 DME premium for each field project, plus 8 DME per diem daily, while performing field missions. Those helpers, who also drive the vehicles, make 550 DME monthly, plus a 300 DME premium per project, plus 8 DME per diem daily. During summer vacation, the surveying brigade receives reinforcement from the local technical college. About 8 students usually practice in field surveying during clement weather condition. There are no regular apprentices.

Effective 1964, all VEB Engineer Survey Groups were issued production standards (Norms) for field surveying, published in "norm catalogues" by the VVK-Main Administration for Surveying and Mapping, East BERLIN. They caused a great stirr-up among all personnel, because these theoretical standards contradicted with practical surveying results. Source recalled that the norm for establishing a bench mark was set at 5 minutes. However, whenever the soil was slightly rocky, or frozen, it took a skilled helper over 12 minutes to perform this task. Such time losses, effected the productivity of individual survey teams, and team leaders were "compelled" to falsify their activity reports. In accordance with the new standards, the registry of 30 leveling values had to be performed within 12 minutes. This resulted in great inaccuracies. In order to increase the productivity of field survey teams, so-called "Rain-Hours" (Regenstunden) were introduced in conjunction with the new norming catalogues. The daily activity report had to indicate in three categories the following work status. Data: Category "A" resembled regular surveying hours at clement weather. Category "C" symbolized rain hours, and thus losses of working time during field surveying. Category "A/C" stands for commencing field surveying at clement weather, and interrupting this activity due to rain or other bad weather condition. This classification was introduced to eliminate dead runs during field surveying. During bad weather conditions (based on these categories) surveyors were forced to work in their vehicles on current blow-up sketches, or to compile gained surveying data for final processing. Dead runs of field surveying teams were not allowed at all by introduction of subject control system. Such labor controls resulted frequently in the resignation of qualified surveyors. Engineer (fnu) [redacted] and draftsman [redacted] who also worked as a surveying technician, resigned in early 1965. Also helpers resigned from their jobs, and Brigade Mr. III had only 4 assistants left in May 65, comparing to 8 helpers in 1964.

In addition, Source stated, that all technical personnel of [redacted] was against the present regime in East Germany and not organized in the Socialist Unity Party (SED).

10(X)(e) Equipment and Vehicles of Brigade III

The brigade was equipped with the following "Zeiss-Jena" optical surveying equipment:

- 3 Theodolites, model Th-2, without tubular compasses.

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- 4 Dahlta-020 Tachymeters with "Karti" accessories for punching surveying data onto paper for rapid exploitation.
- 1 Redta-002 Tachymeter with tripod and markers
- 1 Koni-007 level set
- 1 flare pistol
- 6 extra tripods
- 4 steel measuring tapes
- 4 aligning poles, each 3 m long
- 6 Dahlta poles, each 2 m long
- 2 pairs of binoculars

In addition, the brigade operated two "Barkas-B 1,000", 8-seat busses; one "Framo-Garant" 8-seat bus (borrowed from the main administration, DRESDEN); and two 500-ccm "DKW" motorcycles with sidecars used by surveyors in the field. The third bus was driven by one of the surveyors, whenever all teams performed surveying in the field. The vehicle maintenance was performed at the local main administration, which operated a motor pool.

11.1(14) 1964/65 Survey Projects of Brigade III

a. Land Surveying for a Projected Gas Main, EISENHUETTENSTADT-East BERLIN

(For Course of Projected Gas Main, See Figs 4, 5, 6 and 7)

Though it was not under the DRESDEN-Region jurisdiction, the surveyors of the Brigade III were ordered to help on the Berlin Survey Group from Mar 64 to Sep 64. The surveying activity for the above gas main of the Brigade III started at KOENIGSWUSTERHAUSEN (5218N-1337E) and ended on W outskirts of EISENHUETTENSTADT (formerly STALINSTADT (5209N-1438E)). The surveying was performed for a projected underground gas main to supply East BERLIN with industrial and household gas. The pipes will be layed between 1965 and 1967. The costs for surveying project amounted to 140,000 DME.

b. Surveying for a Projected Gas Main, ZITTAU to EBERSBACH (5100N-1435E).

(For Course of Projected Gas Main, See Figs 8, 9, 10 and 11)

The Brigade III survey teams surveyed the course of this underground gas main in summer 64 for two months. The pipelaying is projected for 1966/67 and will run from an unknown gasworks at ZITTAU to the former gasworks of EBERSBACH. (The East German ministry of industry is planning an increase of the local textile mills and other industrial installations). The surveying project amounted to 100,000 DME. Source heard from surveyors that the gas main will have a 0.6 m diameter. Wherever the underground gas main is traversing a wooded area, a safety clearing of 30 m width on each side will be established to prevent fire in case of leakage.

c. Surveying at EGA Air Force Base, COTTBUS

(For surveyed area, see Fig 12)

In Sep 64, a survey team of the Brigade III surveyed the wooded remises (Pt 1, Fig 12) by order of the military administration, COTTBUS. The surveyed area will be used for the construction of additional barracks and warehouses.

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The charge of the surveying project amounted to 10,000 DME. As to hearsay from surveyors, the physical construction of barracks buildings and warehouse was to begin in 1965.

d. Surveying of Land for the Wismuth Uranium Mining Company

In Fall 64, a survey team of Brigade III surveyed about 3 km of a wooded valley, which extends immediately N of BIELATAL (5052N-1402E). The Biela-Bivulet flows through this valley, and the road BIELATAL to KOENIGSTEIN (5055N-1404E) traverses this valley. The surveying project was carried out in order to provide exact tachymetric data for uranium prospectors of the Wismuth Company, which moved into its new Administration Center at LEUPOLDISHAIN (5054N-1401E) in 1960.

In May 65, another surveying project was performed for the Wismuth company in the area of SAUPSDORF (5056N-1420E), about 800 m E of this village. This project took about 8 weeks, and the cost estimate amounted to 70,000 DME. The uranium mining company is planning a systematic prospecting of ore in subject area.

e. Melioration Surveying Project at LIEBEROSE, (5159N-1417E)

From Nov 63 to Feb 64 the survey team of Brigade III surveyed about 1 square kilometer of swampy meadows near LIEBEROSE, on SE banks of the lake "Schwieboch-See". This was done on behalf of the city administration in order to gain farmland. The cost estimate for this project amounted to 100,000 DME.

f. Surveying of Sewerage System at HOYERSWERDA

In Dec 64 and Jan 65, the survey team of Brigade III surveyed the underground sewerage system of HOYERSWERDA, and the adjacent area of the local sewerage treatment plant (Klaaranalge) located near the waterworks (VS454979). As to hearsay from supervisor, surveyor (fnu) [REDACTED] the old treatment plant will be modernized and two additional settlement tanks will be constructed not later than 1967. The cost estimate for the surveying project amounted to 80,000 DME.

12. (e) Future Survey Projects

a. Surveying for Wismuth Uranium Mining Company

[REDACTED]

b. Surveying Land for a High-Tension Transmission Line, MEISSEN to GROSSENHAIN

The surveying project was to be completed by end of 1965. Details are unknown to Source. No information on surveying of future military objects.

c. Industrial Expansion Projects

In May 65, Source heard from his supervisory engineers that the industrial combine "Schwarzepumpe" (5132N-1420E) is going to extend its production area. Also, a new textile mill combine is going to be established at GUBEN after 1965; and new metallurgical plants will be built at CALAU subsequently. Technical details unknown.

d. Miscellaneous Information

Source also heard from engineer [REDACTED] that the Dresden Cartographic Service is going to decrease its personnel owing to lack of work order. Details unknown.

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COMMENTS

Source

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[REDACTED]

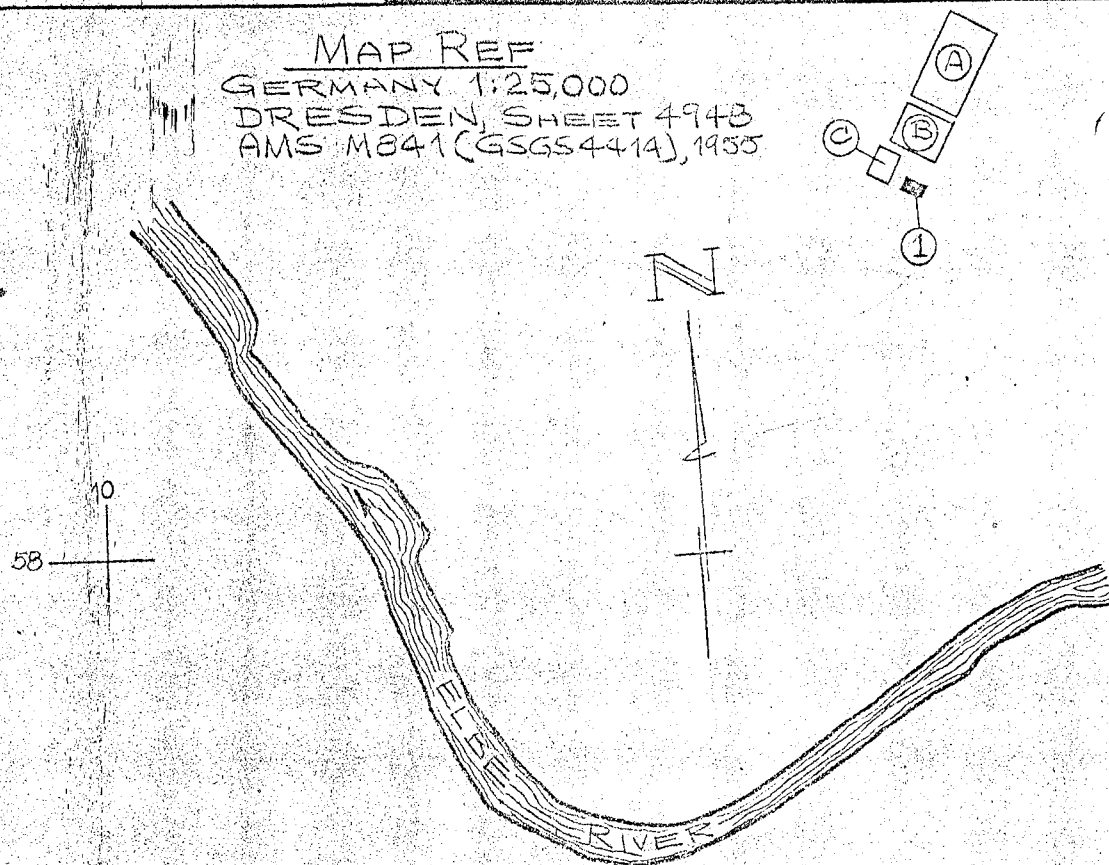
COMMENTS OF APPROVING OFFICER

(U) THIS IS RAW UNEVALUATED INFORMATION

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MAP REF
 GERMANY 1:25,000
 DRESDEN, SHEET 4943
 AMS M841 (GSGS 4414), 1955



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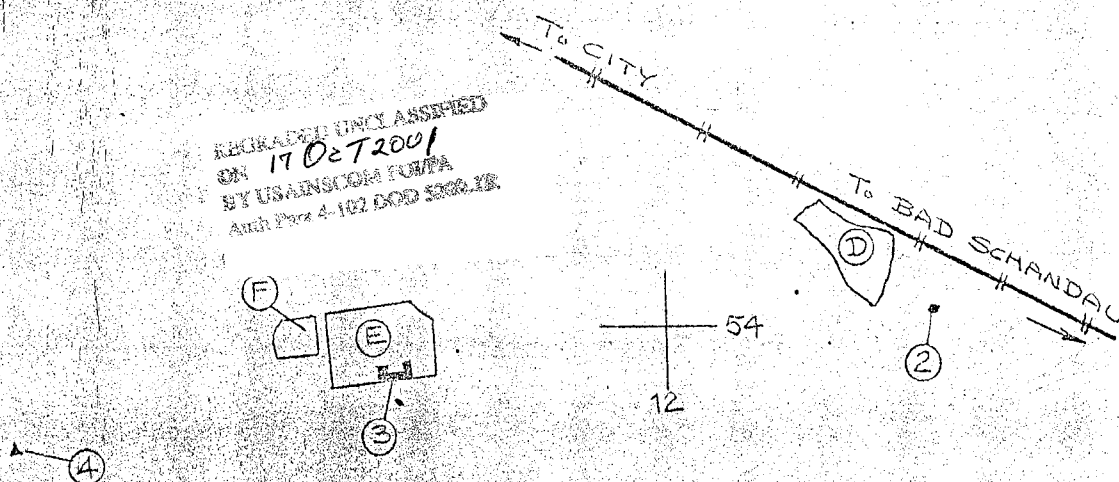


Figure 1 (C) Location of Main Administration and Branches of DRESDEN-Region Engineer Survey Group (U)

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LEGEND TO FIGURE 1

1. Main Administration Building of DRESDEN-Region Engineer Survey Group (VEB Ingenieurvermessungswesen).
2. Branch Office Nr. III (Brigade III) of Engineer Survey Group.
3. Branch Office Nr. II (Brigade II) of Engineer Survey Group.
4. Branch Office Nr. I (Brigade I) of Engineer Survey Group.
- A. Soviet Tank Barracks Area.
- B. Fair Ground "Stadthalle" with two Exposition Buildings.
- C. EGA Signal Barracks Area.
- D. EGA Political Officers' School.
- E. Compound of the Dresden Technical College.
- F. Dresden Court Yard.

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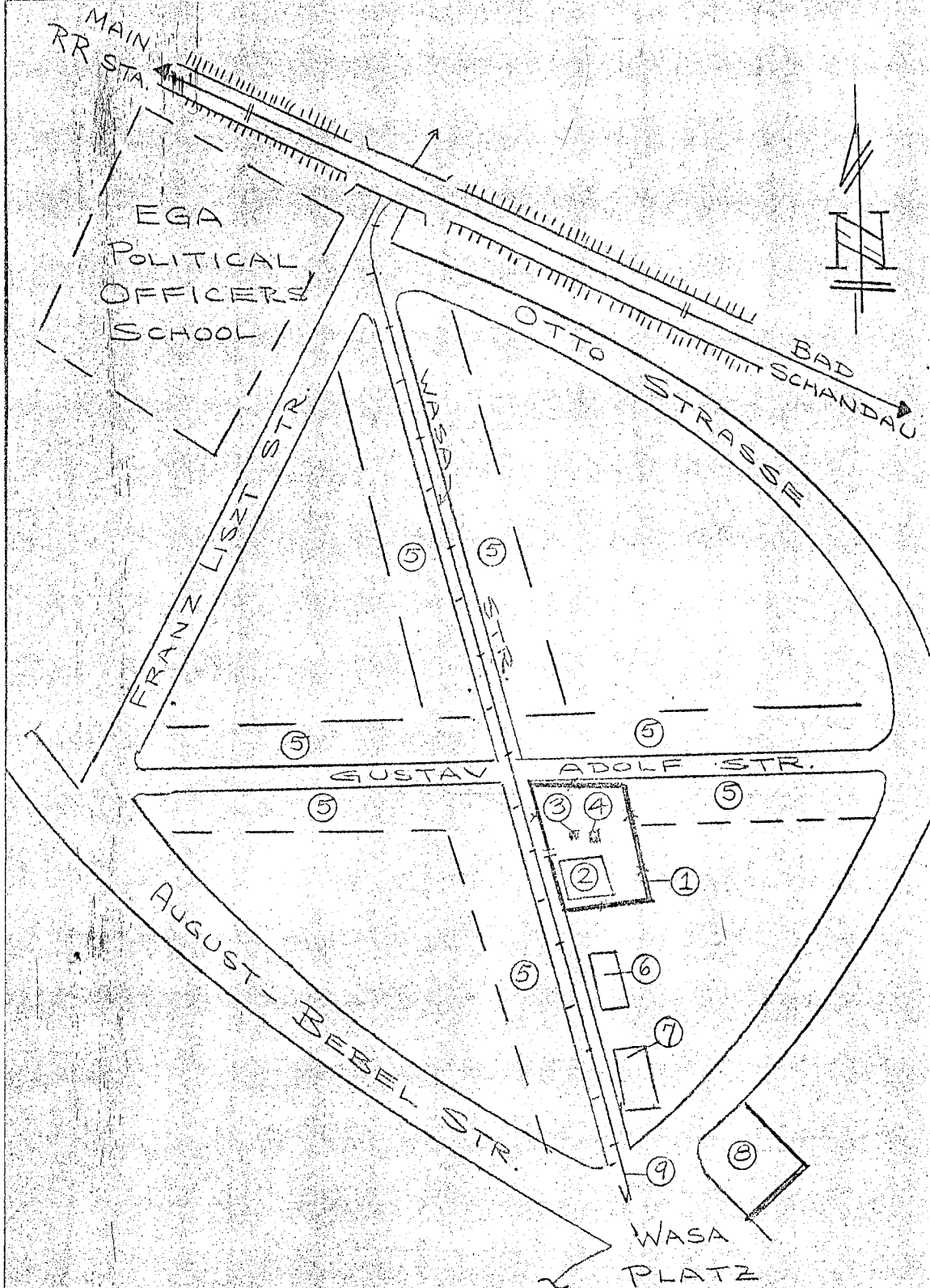


Figure 24C Layout of Branch Office Nr. III (Brigade III) of Engineer Survey Group (U)

(Not to Scale)

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ON 17 OCT 2001
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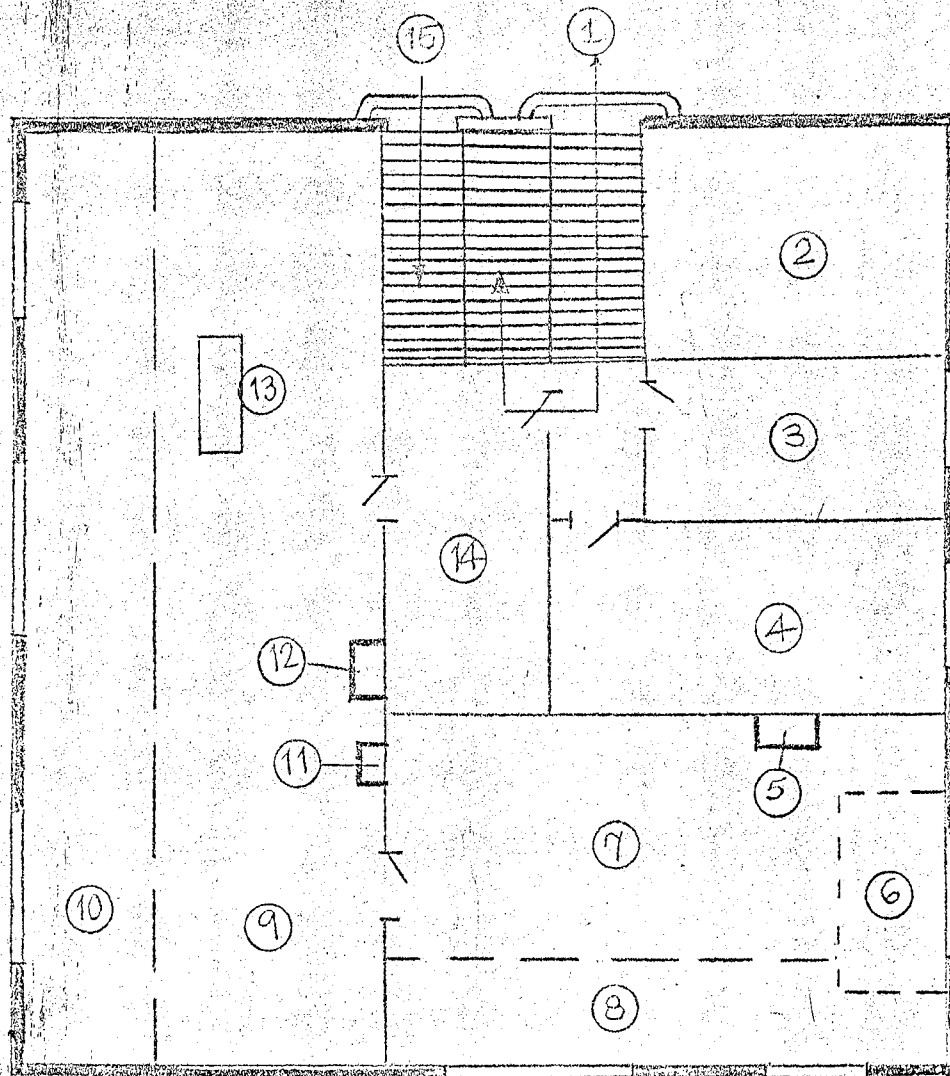
LEGEND TO FIGURE 2

1. Iron grated fence, 1.4 m high, mounted on a 0.6 m high base wall
2. Office Building of Branch Office Nr. III of Engineer Survey Group
3. Motorcycle Shed; made of wood
4. Masonry Garage for two vehicles
5. Residential areas, consisting of individual villas surrounded by gardens
6. Villa, occupant unknown
7. Villa, occupied by an administration of an unknown agricultural organization
8. Restaurant building, called "Zum Strehlemer Hof"
9. Streetcar track of lines Nr. 5, 9 and 13

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NOT TO SCALE



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LEGEND TO FIGURE 3

1. Main Entrance
2. Unidentified Room
3. Secretary's Office
4. Executive Office occupied by Engr. [REDACTED]
5. Wooden File Cabinet for storage of pending projects, not secured. Dimensions:
2 x 1.6 x 0.8 m
6. Storage area for optical surveying equipment and clothing
7. Office of surveying engineers
8. Four desks of surveying engineers
9. Drafting Office
10. Four desks for draftsmen
11. Steel file cabinet for storage of pending projects; not secured. Dimensions:
1 x 1.8 x 0.6 m
12. Wooden file cabinet for storage of pending projects, same as (5)
13. Pantograph table
14. Ante-Chamber
15. Auxiliary Staircase for second floor occupied by housekeeper

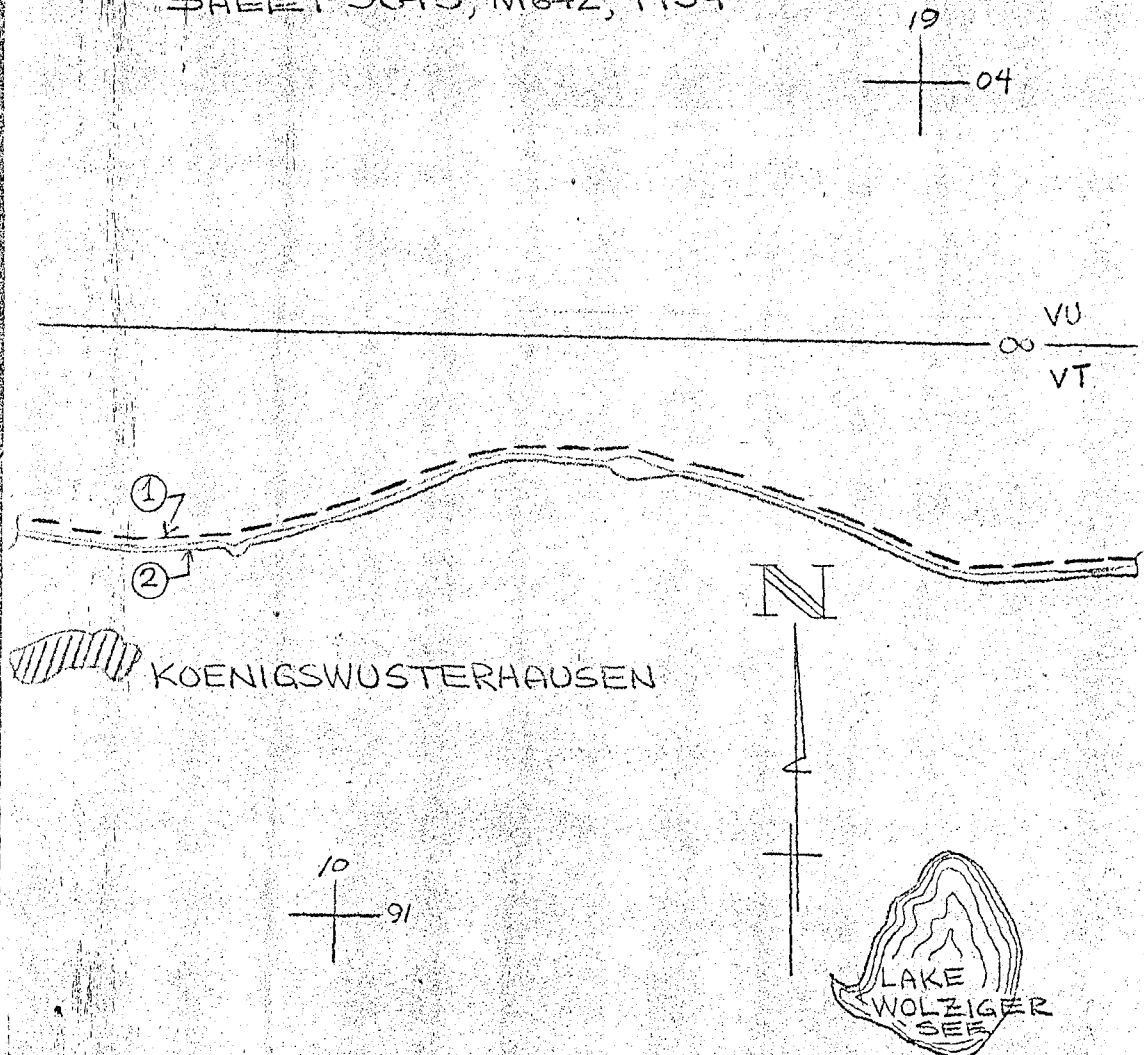
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MAP REF
 GERMANY 1:100,000
 KOENIGSWUSTERHAUSEN
 SHEET 5045, M642, 1954



- Legend:
1. Projected Gas Main
 2. Highway BERLIN-FRANKFURT/Oder

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 AND FOR 4-102 DOD SEC JR

Figure 4 (U) Partial Course of Projected Gas Main, EISENHUETTENSTADT to B-BERLIN (U)

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MAP REF

GERMANY 1:100,000
KÖNIGSWUSTERHAUSEN, SHEET 5045
FRANKFURT AN DER ODER, SHEET 5145
AMS M 642, 1954

38
07

N

FUERSTENWALDE

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VT

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26

02

- Legend:
1. Projected Gas Main
 2. Highway BERLIN-FRANKFURT/Oder

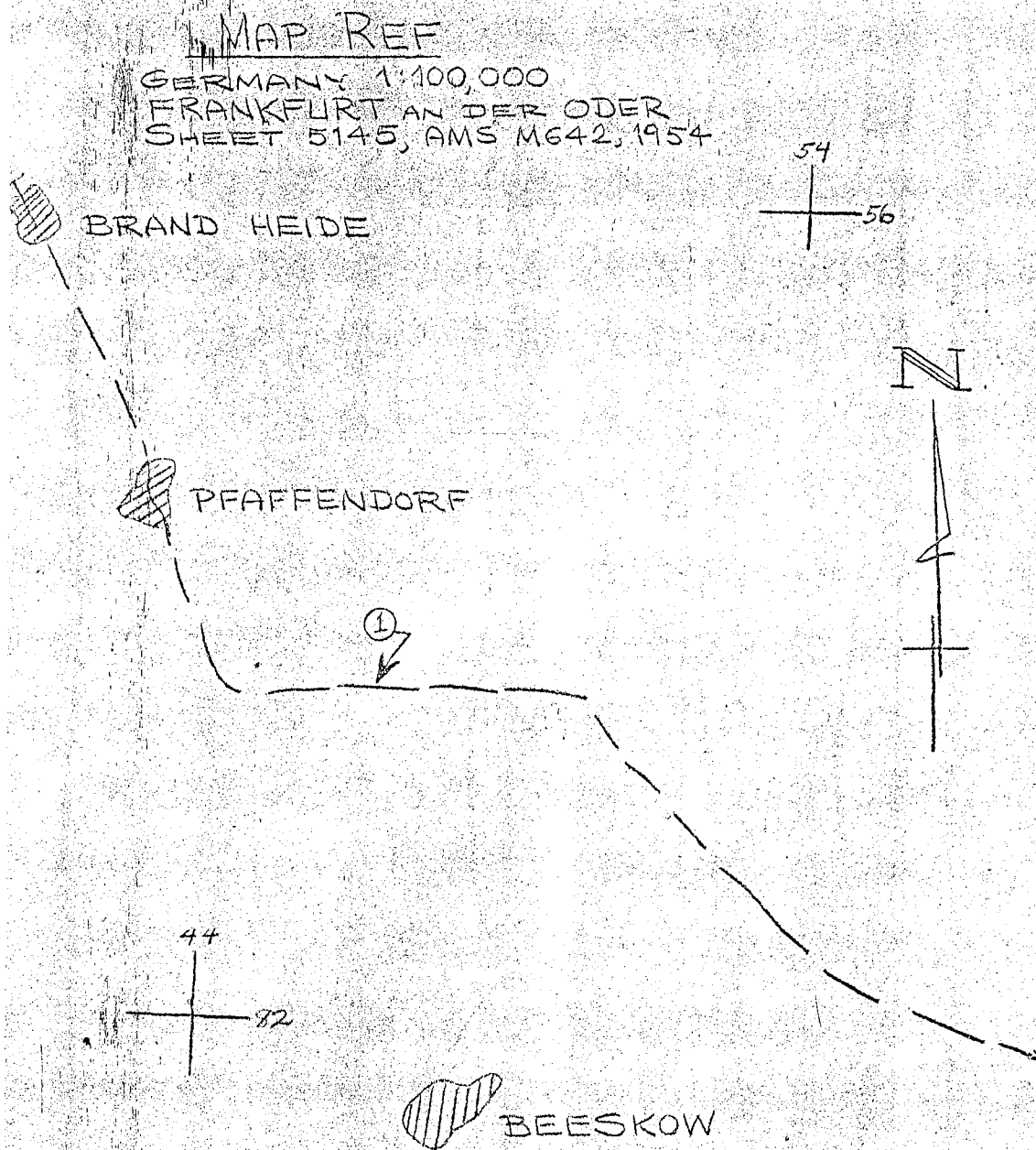
SCHMARMUETZEL
SEE (LAKE)

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BY USANSCOM POWPA
AUTH PRZ 4-102 DOD 5200.10

Figure 5 (a) Partial Course of Projected Gas Main from FUERSTENWALDE to E BERLIN (U)

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Legend: 1. Projected Gas Main

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Figure 6 (U) Partial Course of Projected Gas Main, EISENHUETTENSTADT to E-BERLIN (U)

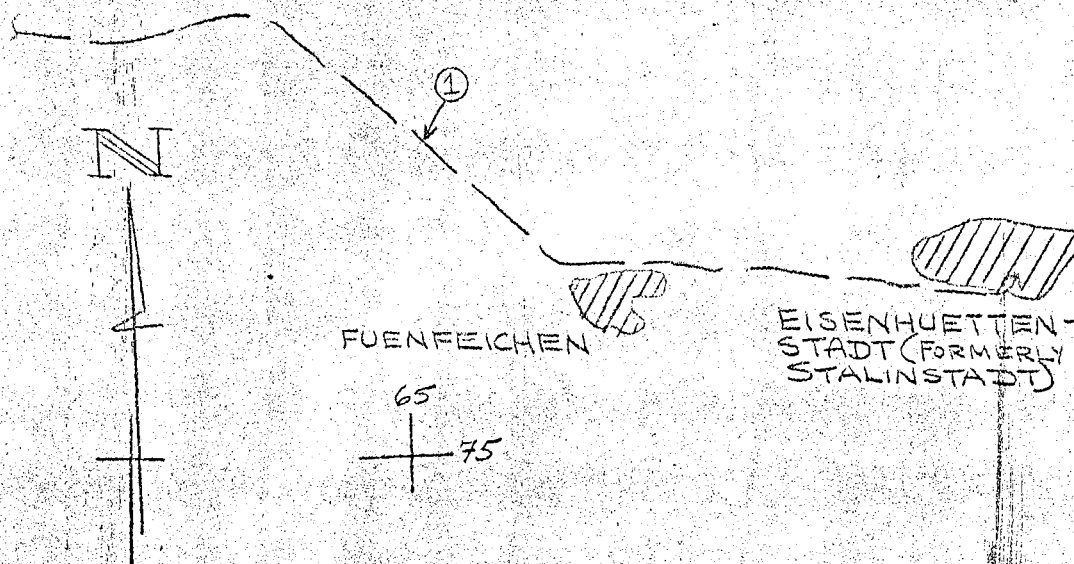
~~CONFIDENTIAL~~



KATHERINEN SEE
(LAKE)

73
+ 87

MAP REF
GERMANY, 1:100,000
FRANKFURT/ODER
SHEET 5145
AMS M642. 1954



Legend: 1. Projected Gas Main

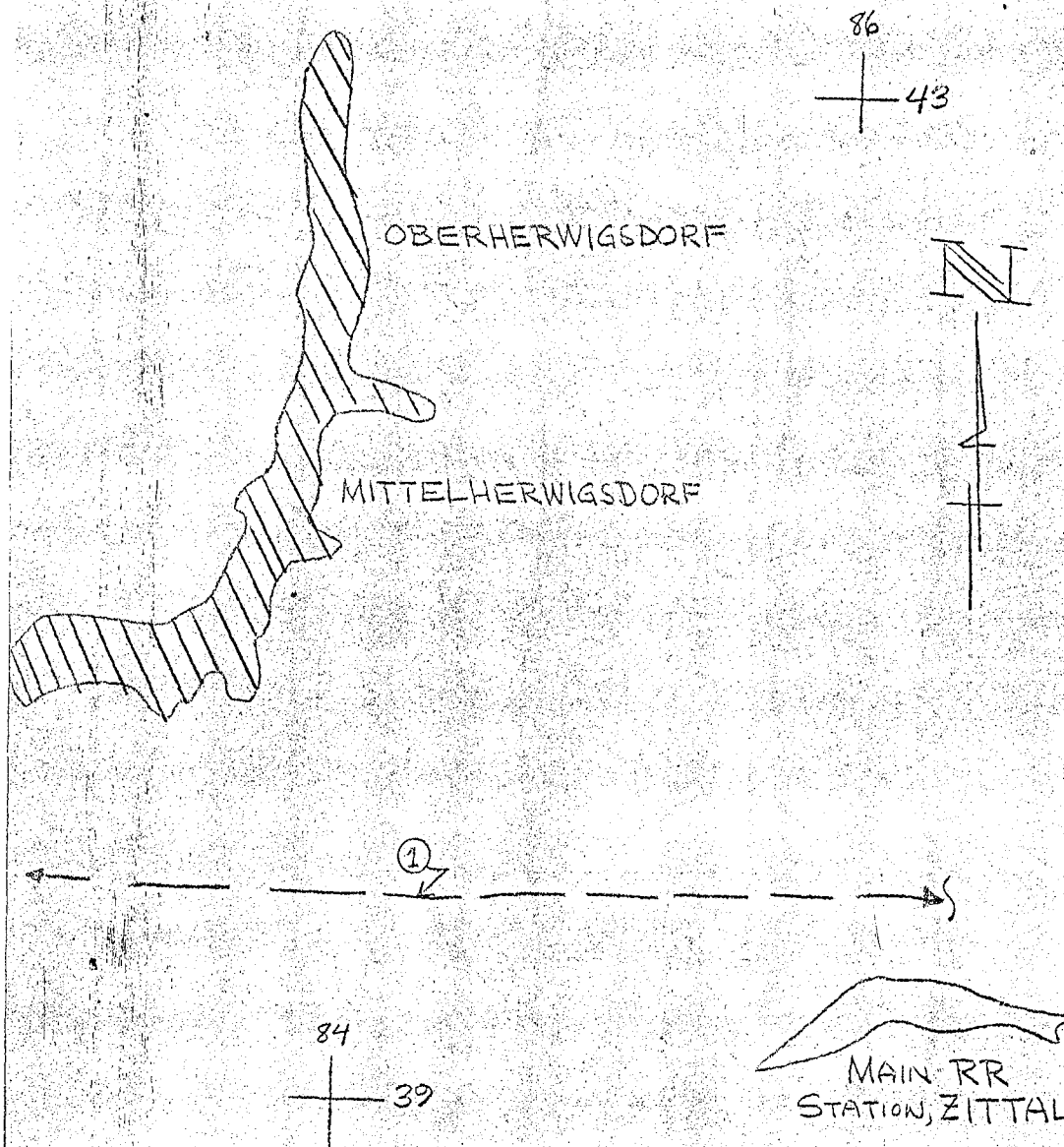
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Figure 7 (U) Partial Course of Projected Gas Main, EISENHUETTENSTADT to E-BERLIN (U)

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MAP REF
GERMANY 1:25,000
ZITTAU, SHEET 5054 (NORTH)
AMS M 841 (GSGS 4414)
1952



Legend: 1. Projected Gas Main

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Figure B.601 Partial Course of Projected Gas Main, ZITTAU to EBERSBACH (U)

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NEUSPITZ-
KUNNERS-
DORF

MAP REF
GERMANY 1:25,000
ZITTAU (NORD), SHEET 5054
AMS M841 (GSGS4414)
1952

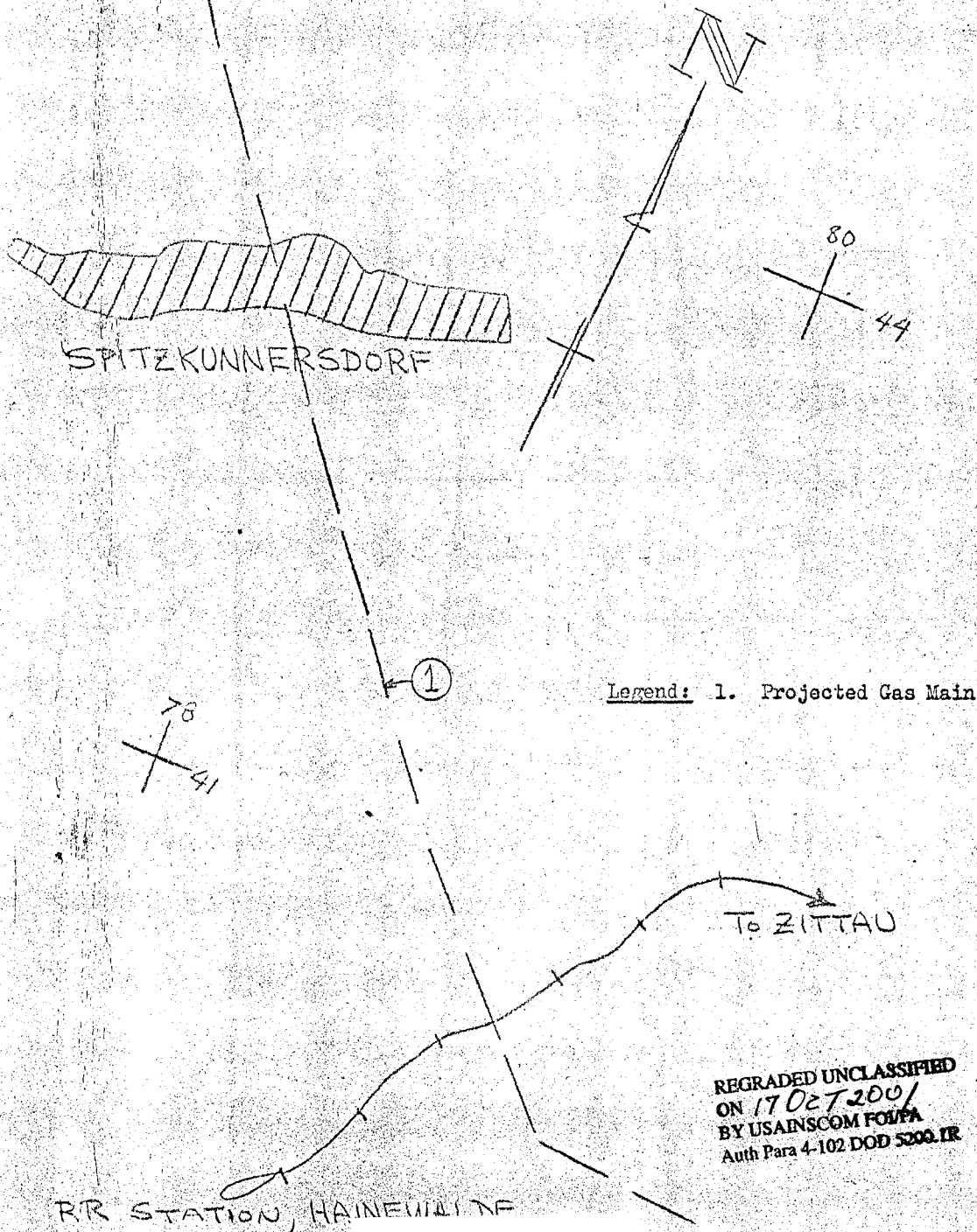


Figure 9 (U) Partial Course -- Projected Gas Main, ZITTAU to EBERSBACH (U)

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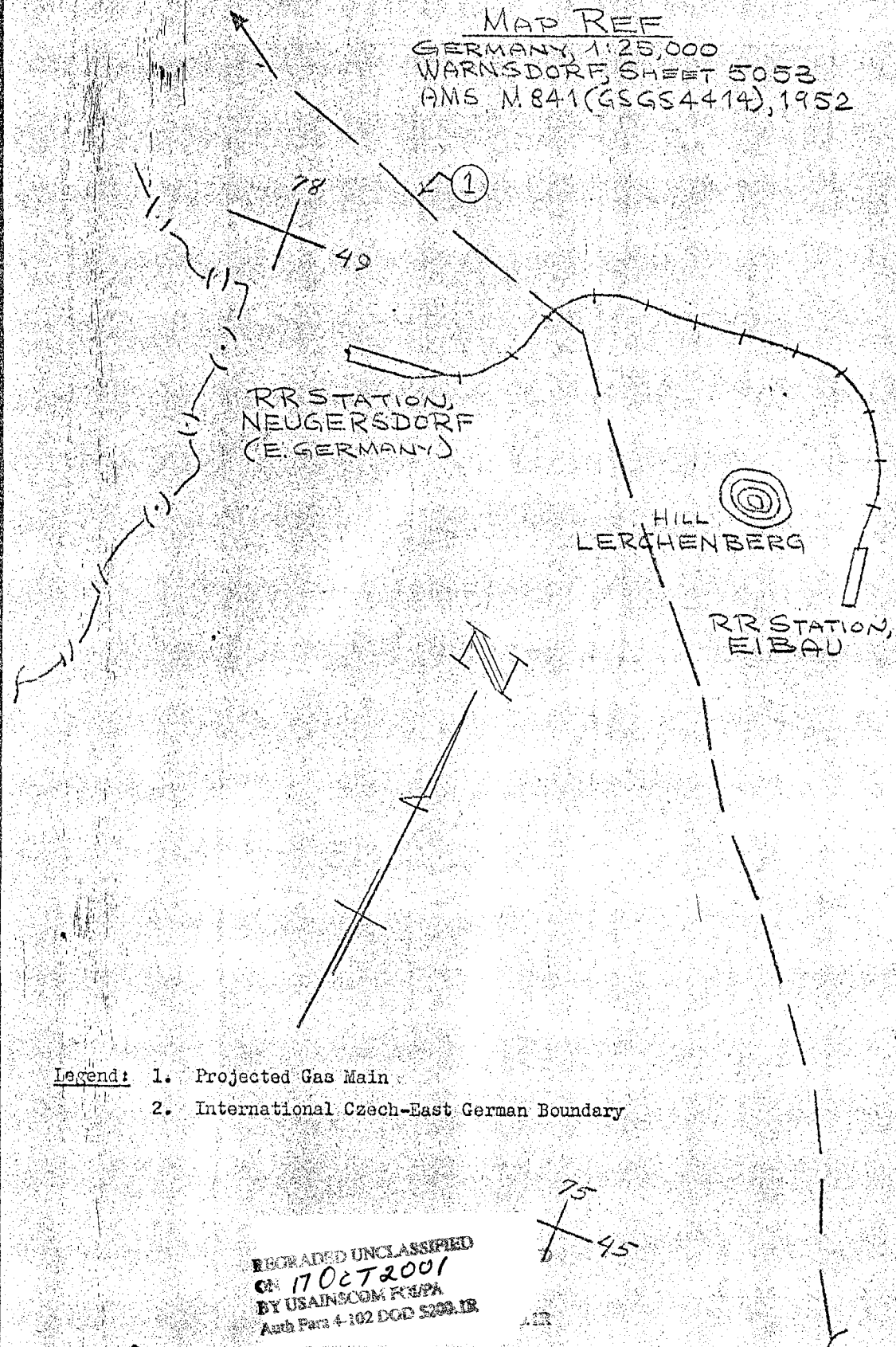
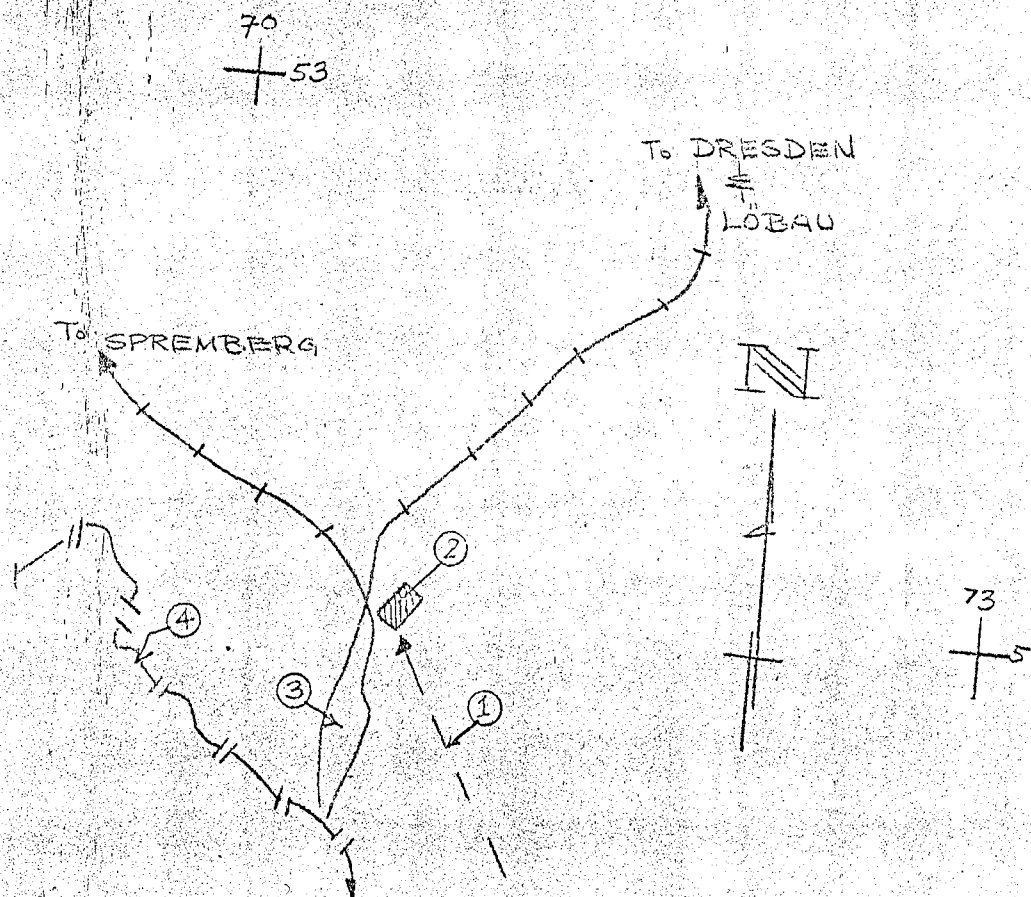


Figure 10 (S) Partial Course of Projected Gas Main, ZITTAU to EBERSEACH (U)

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MAP REF

GERMANY, 1:25,000
EBERSBACH, SHEET 4953
AMS M841(GSGS 4414), 1952



- Legend:
- 1. Projected Gas Main
 - 2. Terminal in former Gasworks to be reactivated at village of EBERSBACH
 - 3. RR Station of EBERSBACH (Border Crossing Station to CSSR)
 - 4. International Czech - East German Boundary

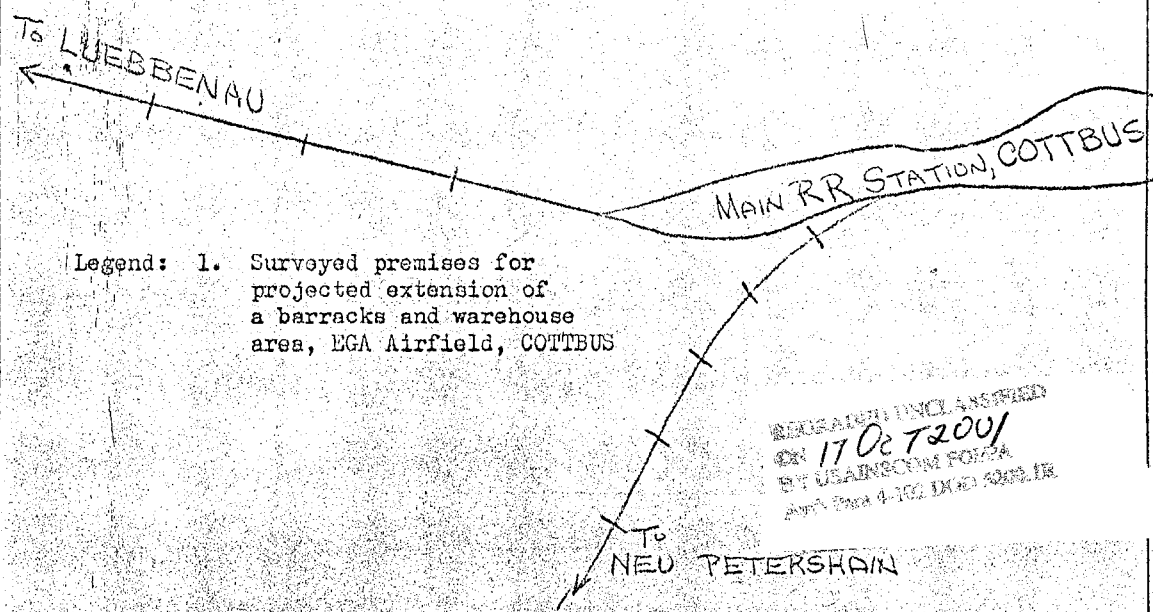
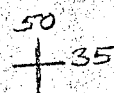
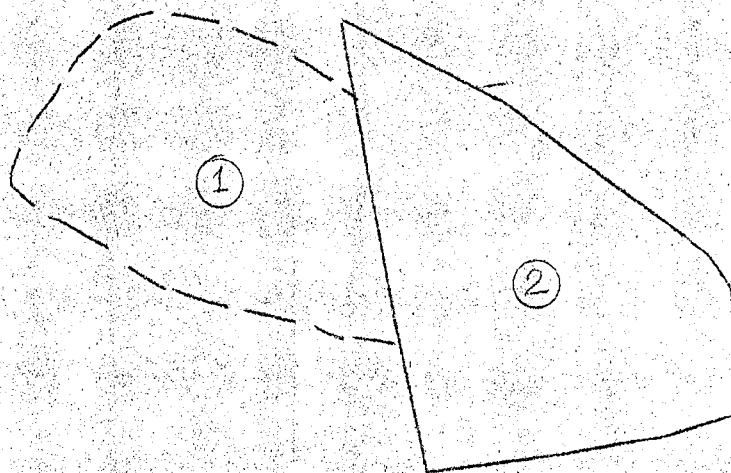
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Auth: PWS 4-107 DGD 5200.1A

Figure 11 (a) Partial Course of Projected Gas Main, ZITTAU to EBERSBACH (U)

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MAP REF
GERMANY, 1:25,000
COTTBUS (WEST)
SHEET 4251,
AMS MB41 (GSGS 4414), 1952



Legend: 1. Surveyed premises for projected extension of a barracks and warehouse area, EGA Airfield, COTTBUS

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Figure 12 (U) Projected Barracks and Warehouse Area, EGA Airfield, COTTBUS (U)

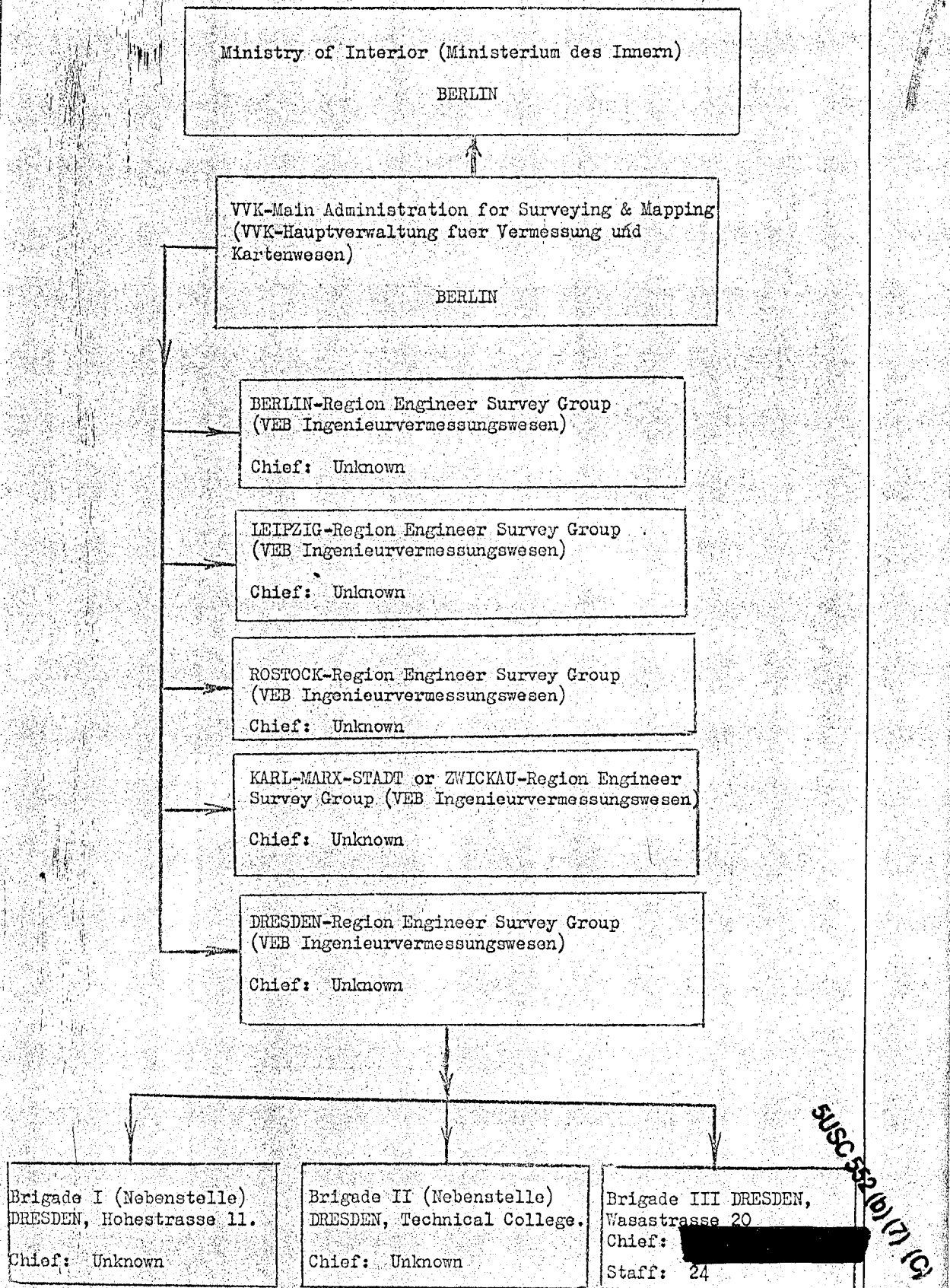


Figure 13 (271) Organization Chart of the Engineer Surveying Service in East Germany (U)

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1. COUNTRY: EAST GERMANY 022 8. REPORT NUMBER: 2 218 7392 65
2. SUBJECT: (C) NVA BC Tactical Map Signs and Symbols 9. DATE OF REPORT: 23 December 1965
10. NO. OF PAGES: 5
11. REFERENCES: DIRM: 2E4, 1M2n
4. DATE OF INFORMATION: October 1965 12. ORIGINATOR: C&I Bn, 513th INTC Gp
5. PLACE AND DATE OF ACQ: Oberursel, Germany 10 November 1965 13. PREPARED BY: [REDACTED] AIS
6. EVALUATION: SOURCE F INFORMATION 6 14. APPROVING AUTHORITY: [REDACTED]
7. SOURCE: (DOB: [REDACTED]) Major, AIS
Operations Officer

15. SUMMARY: (Leave Blank)

(C) This report contains general information on tactical signs and symbols used with NVA BC maps. The tactical signs and symbols are presently used within the 3d BC Bn, 3d BC Regt, 11th BC Bde, and are believed to be applicable to all NVA BC units. The signs and symbols are used with maps of the 1:25,000 scale.

REPORT

(U) See Figures 1-3.

3-USAREUR, DCSI
2-USEUCOM, J2
2-USAFE, DCSI
4-USASAE

16. DISTRIBUTION BY ORIGINATOR:
4-Seventh US Army
2-10th SF Gp (Abn)
1-AF LNO w/C&I Bn
4-Op Br, 513th INTC Gp
1-Op Br, 513th INTC Gp
ATTN:OREN
5-[REDACTED]
10-[REDACTED]
1-[REDACTED]
1-[REDACTED]
1-[REDACTED]
1-[REDACTED]
1-[REDACTED]
3-Op Br, 513th INTC Gp
ATTN:NTR Sec, Rec Br

17. DOWNGRADING DATA:
DOWNGRADED AT 12 YEAR INTERVIALS
NOT AUTOMATICALLY DECLASSIFIED
DOD DIR 5200.10

18. ATTACHMENT DATA:
None

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COMMENTS

☒ Source

5 DSC 552 (b) (7) (D)

(U) Source is intelligent, has an alert mind, made a good impression, and was cooperative. No discrepancies were noted during the interrogation.

COMMENTS OF THE APPROVING OFFICER

(U) THIS IS RAW UNEVALUATED INFORMATION

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(Classification and Control Markings)

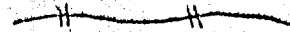
ORIGINATOR C&I Bn, 513th
INTC Gp

LEGEND

Color of Entry

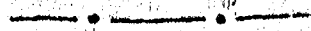
(Leave Blank)

Company boundaries



red

Regiment boundaries



red

1st Platoon



red, number in
black

11th Company



red, number in
black

3d Bn



red, number in
black

3d Regt



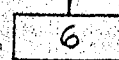
red, number in
black

11th Bde



red, number in
black

BC Auxiliary Squad



red

BC Auxiliary Helper



red

Civil Police (VP)



green

Area of patrol (moving in circle)

GS - border patrol

WP - guard patrol

KS - ten meters strip patrol



red

Search party



red

Observation post with area of
observation



red

Observation tower



black

Observation bunker



black

Double fence: dashes indicate number
of fences



black

Combined obstacle: fence with mines

• anti-tank mine
o anti-personnel mine
o anti-personnel mine



black

Figure 11(c) BC Map Symbols

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BY USAMC/CORP
4-172 000 000 000

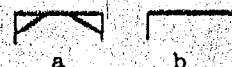
~~CONFIDENTIAL~~

LEGEND

Color of Entry

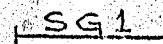
(Leave Blank)

Road barrier
a. movable
b. non-movable



black

Trip flare: number indicates type of flare



black

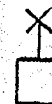
Road obstacle: number indicates type



black

1. ditch
2. SSV obstacle, wooden
3. SSV obstacle, steel
4. SSV and personnel obstacle, wooden or steel, with barbed wire
5. bump obstacle
6. tree obstacle
7. tank obstacle

Helicopter



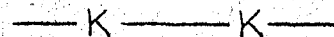
blue

Six meters control strip



black

Route of column or convoy



black

Warning fence



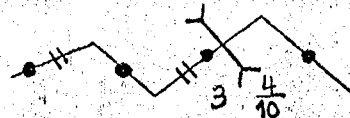
black

Border stone, number as indicated



black

Opening or pass in combined obstacle. Shown is pass 3 which is 4 meters wide, 10 meters deep



black

Border
West East

Apprehension (identity, date and time)

2 MALES
04.11.1965 1400 blue

Dead refugee (identity, date and time)

1 FEMALE
28.10.1955 0800 blue

Wounded refugee (identity, date and time)

MALE
16.09.1965 1645 blue

Figure 21(c) BC Map Symbols (4c)

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LEGEND

Probable route of movement of refugees
(Direction determined by refugee movement in
unit's area of responsibility during past
quarter-year)

Area of concentration of patrols

Successful contact made

Visit of contact

Successful border breakthrough E to W

Successful border breakthrough W to E

Provocation over East German territory

Observation Post, West German agency

Over-flight violation by:

- M. Powered aircraft
- S. glider
- D. Jet
- H. helicopter
- R. rocket
- B. balloon

Original Point of Leaflets

Agent School including Agency Involved

Gehlen

Balloon with leaflets with route of flight

Color of Entry (Leave Blank)

blue

red

blue/red

blue/white
in red

blue

blue

blue

blue

blue

blue

blue

blue

Figure 311(C) BC Map Symbols

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Auth Para 4-102 DOD 5200.10

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1. COUNTRY: EAST GERMANY

022

REPORT NUMBER:

2 218 7358 65

2. SUBJECT: (U) EGA Topographic Signs and Symbols

3. DATE OF REPORT:

6 December 1965

10. NO. OF PAGES:

4

3. ISC NUMBER:

11. REFERENCES:

DIRM: 3Ef

4. DATE OF INFORMATION:

Oct 65

12. ORIGINATOR:

C&I Bn, 513th INTC Gp

5. PLACE AND DATE OF ACQ: Oberursel, Germany
9 Nov 65

13. PREPARED BY:

6. EVALUATION: SOURCE F INFORMATION 6

7. SOURCE:

(DOB: [REDACTED])

14. APPROVING AUTHORITY:

Major, AIS
Operations Officer

15. SUMMARY:

DIA EVALUATION OF THIS REPORT IS REQUESTED

(U) This report contains general and limited information on topographic signs and symbols used on EGA maps with a scale of 1:10,000; 1:25,000; 1:50,000; and 1:100,000.

REPORT

(U) The following topographic signs and symbols are printed directly upon maps presently in use by the EGA with a scale of 1:10,000; 1:25,000; 1:50,000; and 1:100,000. There is no legend on the map sheet to identify the signs and symbols.

2-USAREUR, DCSI
1-USEUCOM, J2
2-USAFE, DCSI

16. DISTRIBUTION BY ORIGINATOR:

1-NAVEUR REPGER, Fkft
2-USA/SPD
2-Seventh US Army
2-10th SF Gp (Abn)
1-AF LNO w/C&I Bn
2-Op Br, 513th INTC Gp
1-Op Br, 513th INTC Gp
ATTN: OREN

5-[REDACTED]
3-COFA

17. DOWNGRADING DATA:

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DOD DIR 5200.10

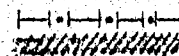
18. ATTACHMENT DATA:

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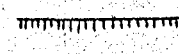
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Boundaries

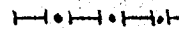
International

 black
violet

Bezirk

 black
red

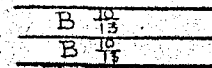
Kreis

 black

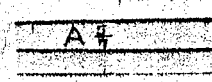
Gemeinde

 black
Roads

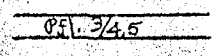
Autobahn with medium and divided lanes.

 black
red

Cement, 10 m wide, 13 m maximum width.

 black
red
Hard surface, all weather, asphalt,
5 m wide, 7 m maximum width.
 black
red
red


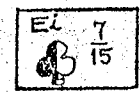
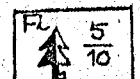
Hard surface, all weather, paved

less than two lanes, 3 m wide, 4.5 m
maximum width.
 black
yellow

Field and forest tracks.

 black

Loose surface, dry weather, or dirt.

 black
VegetationDeciduous forest, oak,
7 m high, 15 cm in diameter.
 brown
green
white
Coniferous forest, spruce,
5 m high, 10 cm in diameter.
 brown
green
white
Mixed forest, oak-spruce,
heights and diameter as indicated.
 brown
green
white
Abbreviations Used to Identify Forests

F1 - spruce

K1 - pine

Er - alder

Eib - yew

Bu - beech

Pa - poplar

El - oak

Es - ash





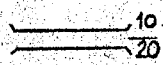
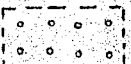


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Ul - elm

Ka - chestnut

Other Signs and Symbols

	a	b
Building	a) fire-proof	b) non-fire-proof
church		black
watermill		black
gasoline station	T	black
monument	D	black
cemetery		green
railroad station		black
bridge, 10 m wide, 20 metric tons capacity		black
garden with trees		green
meadow		green
factory	a) in operation	b) out of operation
brick factory		black

Stream or river with direction of flow;
1.00 equals speed of water (meters per
second; with type of base (Ki equals
gravel), 35m wide, 2.5m deep; It is
used to indicate a ford, with width
and depth of ford.

$\frac{1.00 \text{ Ki } \frac{35}{2.5}}{\text{Ki } \frac{35}{0.5}}$ blue

Spring

Qu. blue

Well

Br. blue

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(Classification and Control Markings)

COMMENTS

5 USC 552 (b) (7) (D)

(S) Source

(X1)

[REDACTED]

COMMENTS OF APPROVING OFFICER

(U) THIS IS RAW UNEVALUATED INFORMATION

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(Classification and Control Markings)

1. COUNTRY: HUNGARY 022 8. REPORT NUMBER: 2 218 7228 65 X-90068
2. SUBJECT: BUDAPEST, National Survey & Geodesy and Cartographic Bureau 9. DATE OF REPORT: 6 December 1965
3. ISC NUMBER: 10. NO. OF PAGES: 14
11. REFERENCES: DIRM: 2E
SICR: G-ENG-1219 USC 552 (b) (7) (C)
4. DATE OF INFORMATION: June 1961 12. ORIGINATOR: C&I Bn, 513th INTC Gp
5. PLACE AND DATE OF ACQ: Oberursel, Germany 13. PREPARED BY: [REDACTED]
12 November 1965
6. EVALUATION: SOURCE F INFORMATION 6 14. APPROVING AUTHORITY: [REDACTED]
7. SOURCE: [REDACTED] (X1) Major, AIS
(DOB: [REDACTED]) Operations Officer
5 USC 552 (b) (7) (D)

15. SUMMARY: DIA EVALUATION OF THIS REPORT IS REQUESTED (Leave B)

(U) This report furnished information about the National Geodesy Survey and Cartographic Bureau, BUDAPEST (Allami Földmérési és Terképszeti Hivatal) (AFTH) which is directly subordinate to the Hungarian Council of Ministers. This agency cooperates closely with the Hungarian military mapping agency.

REPORT

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1-USARMA, Hungary
1-USEUCOM, J2
2-USAFE, DCSI

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1-NAVEUR REPGER, Fkft
1-USASAE
2-USA/SPD
2-Seventh US Army
2-10th SF Gp (Abn)
1-AF LnO w/C&I Bn
4-Op Br, 513th INTC Gp
1-Op Br, 513th INTC Gp
ATTN: ORBN (X1)

5- [REDACTED]
3-GCFFA
[REDACTED]
[REDACTED]

17. DOWNGRADING DATA:

DOWNGRADED AT 12 YEAR INTERVALS
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DOD DIR 5200.10

18. ATTACHMENT DATA:

NONE

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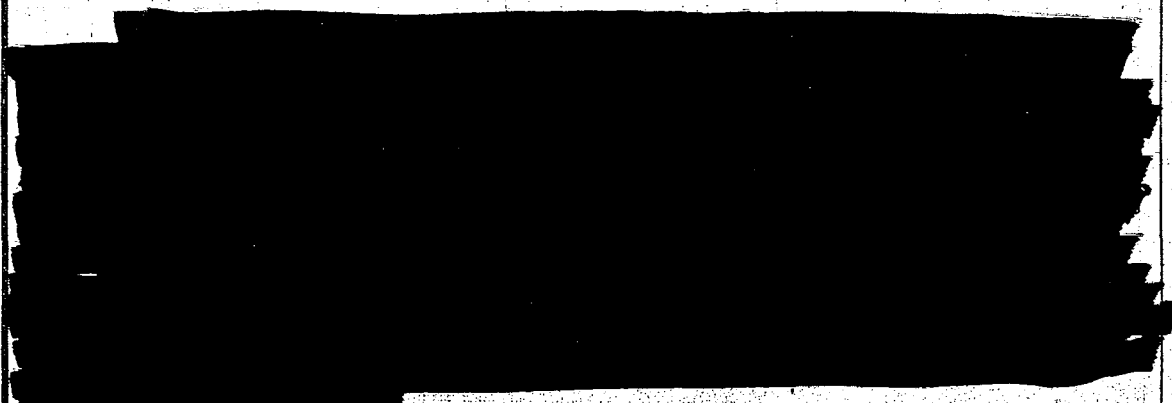
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SEC 552 (b) (7) (D)

1 (c) General

(b)(1)



2.(u)(c) Location

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(Fig 1, Location Sketch)

The AFTH is located at GUSZEV utca 19, on a city block bordered to the E by October 6 utca, The N by Josef-Attila utca and to the S by Arany Janos utca in a building which is 45 x 30 m in size and four stories high. The building is painted a light yellow color with the windows on the side facing GUSZEV utca. Building has a yard 10 x 15 m, surrounded on all four sides by offices and apartments of drivers and reception clerk. The yard is paved with concrete. The building has an arch shaped entrance, approximately 5 x 4 m with a double wooden door. The building was constructed in approximately 1936 and has been occupied since then by the National Geodesy and Cartographic Office.

3. (U) (C) Subordination

The National Geodesy and Cartographic Bureau (Allami Foeldmeresi es Terkepeszesi Hivatal) (AFTH) is subordinated to the Hungarian Council of Ministers, (Minister Tanacs). Consequently the president of AAFTH is appointed by the Council of Ministers of Hungary and is directly responsible to the Council of Ministers.

4. (U) (C) Security

The windows on the first floor of the AFTH building are secured with iron bars. Any person with a valid Worker's Identification Card, (Munkaadoi Igazolvany) (Fig 6,) in their possession is permitted to enter the building on personal or official business. (A Worker's Identification Card is issued to all workers in Hungary listing his place of employment.) No other pass is required to enter the building. The receptionist's office is located on the first floor on the North side of the entrance. The reception clerk is not armed, however, is authorized to search all incoming and outgoing persons and packages, as well as vehicles. There is only one entrance or exit to the AFTH building. Visitors do not have to be escorted after being admitted to the building. It is not required for visitors to sign in or out at the AFTH building, nor is there any visitor's log maintained of which source is aware.

5. (U) (C) Organization

(Fig 3, Organization Chart)

The National Survey & Geodesy and Cartographic Bureau, (ALLAMI FOELDMERESI es TERKEPESZETI HIVATAL) (AFTH), was reorganized in 1949 - 1950 by the Hungarian Council of Ministers at which time the department of Land Registrar (CADASTRAL REGISTRAR) was added. Up till this date the Land Registrar belonged to the Finance Ministry. Source has no other information concerning the reorganization.

a. President of the AFTH (See Org Chart, Fig 3.)

The president of the AFTH is [REDACTED] who has been president since 1954. Prior to appointment to the position of president of the AFTH, he was a salesman. He is in charge of the National Survey & Geodesy and Cartographic Bureau and mainly concerned with the coordination of the Bureau and the execution of the Five Year Plan of the AFTH which started in 1960.

b. Survey & Geodesy and Cartographic Department

Directly responsible to the president are two main departments, i.e. The Survey and Geodesy department and the Cartographic department. These two departments are subdivided into smaller sections. (see Organization chart Fig 3.)

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responsibility of the department is as follows: To keep current logs on all land owners of Hungary. Keep logs and registrars current on all land parcels. Keep land quality and land samples logged. To keep land cultivation and all man made objects such as city developments logged. The department is staffed with approximately 15 persons (For location of department see location chart) and subdivided into three sections.

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h. Registrar Section (see Org chart Fig 3.)

The section is headed by [REDACTED] who has held the position as chief since about 1949 and is a professional administrative clerk. The responsibility of the section is as follows: To maintain a current log of all land parcels in Hungary. To keep a current log on all land cultivation, nation wide and to keep the cadastral registrar up to date. This section is staffed with approximately 7 persons.

1. Survey Section (see Org chart Fig 3.)

The head of the survey section is unknown to source. Source has little knowledge of functions of the Survey Section. The Survey Section is responsible for the cultivation of land and to plan, direct and survey the land for the collectivisation of the farms. There is no other information concerning this section.

j. Agronomist Section (see Org chart Fig 3.)

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The agronomist section is headed by [REDACTED] a professional surveyor and agronomist. The responsibility of the section is as follows: To conduct soil examination up to three meters in depth. The exploration and making of soil layer sketches up to three meters in depth. To determine what crops the farmers must grow. This section has no laboratory capability of its own. Therefore, soil samples are sent to the Geological Laboratory at BUDAPEST, whose name and location is unknown to source. The agronomist section is responsible for making studies of the structure of the crust and formation and development of various layers up to 3 meters in depth.

k. Exhibit Section (see Org chart Fig 3.)

The exhibit section is directly responsible to the president of the AFTH. Head of the exhibit section is unknown to source. The section has the following functions: To maintain a current map library keeping samples of all unclassified maps produced of Hungary and maintaining all information pertaining to the AFTH to be stored and available for future reference. Section is staffed with approximately five persons.

1. Transportation Section (see Org chart Fig 3.)

The transportation section is directly responsible to the president of AFTH whose section chief is unknown to source. This section has the function of purchasing all vehicles and transportation for the AFTH, including the county level and is responsible for maintenance of all vehicles. This section keeps a current maintenance log on all modes of transportation. The AFTH has no repair shops of its own, therefore all maintenance is performed at the state owned repairshops. Sixty percent (60%) of its cars are USSR models. The cars are mostly newer models. The section is also responsible for all vehicle operators. The transportation section has approximately 15 sedans and one motorcycle (BMW) at the main office in BUDAPEST. Each county field office has one sedan and the motorcycles are assigned in accordance with the size of the county. The AFTH has approximately 150 motorcycles. Overall condition of all transportation is good.

Bottleneck: The largest problem is the spareparts for motorcycles which are produced in HUNGARY. The largest portion of the spareparts

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are exported to Eastern Bloc Countries.

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m. Finance Section (see Org chart Fig 3.)

The section is directly responsible to the president of the AFTH. Section is headed by (fnu) [redacted] a female. She is not a professional in finance administration. This section has the function of purchasing all items necessary for the AFTH. Purchases for items throughout the AFTH must be requested by the consumer department and if approved, the money is requested from the finance section. The section is staffed with approximately five persons.

n. Custodian Section (see Org chart Fig 3.)

The custodian section is directly responsible to the president of the AFTH. The head of the section is unknown to source. This section has the function of performing the maintenance of the AFTH building, cleaning the offices and all other work needed to perform maintenance of the AFTH building as well as at the Lake BALATON resort site. The AFTH resort site at Lake BALATON is open for all AFTH employees during the summer, from May till October and is staffed with three persons.

SUSC 552 (b) (7) (C)

o. Personnel Section (see Org chart Fig 3.)

The personnel section is directly responsible to the president of the AFTH, headed by (fnu) [redacted]. The section has the following function: Keeping a current account of all employees of AFTH. All employees are interviewed, prior to employment by the AFTH, by the personnel section chief. This section has the authority to make a background investigation of employees and is responsible for recruitment of politically indoctrinated personnel, and indoctrination of all employees in AFTH. With the authority to dismiss any employee. The section is staffed with approximately five persons.

6. (u) Mission

The mission of the AFTH is the preparation of unclassified tourist maps, school maps and atlases. At present the AFTH is surveying city and county developments for new county maps. Source has no information on photography. All the photographic work is conducted by the military. If the AFTH needs photographic or pictorial work, then it has to request in writing from the military.

Source has no knowledge of map scales but claims 1:10,000 or 1:20,000 scale were used. The project is to be completed by 1965, within the five year plan which started in 1961. If the project is not completed by 1965, it will be coordinated into the 15 year plan which also started in 1961. Source believes the goal of the five year plan can not be achieved by the set time, due to insufficient number of skilled surveyors. Source did not participate in any phase of the program. The maps are allegedly for the use of Hungarian Government Agencies. Source has no knowledge of equipment with the AFTH.

7. (u) Budget

Source has no information pertaining to the budget of AFTH.

COMMENTS

(u) Source

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[Redacted block of text]

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(S)(I)

COMMENTS OF THE APPROVING OFFICER

(U) THIS IS RAW UNEVALUATED INFORMATION

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National Survey & Geographic and Cartographic Bureau, BUDAPEST, HUNGARY,
Locati Chart

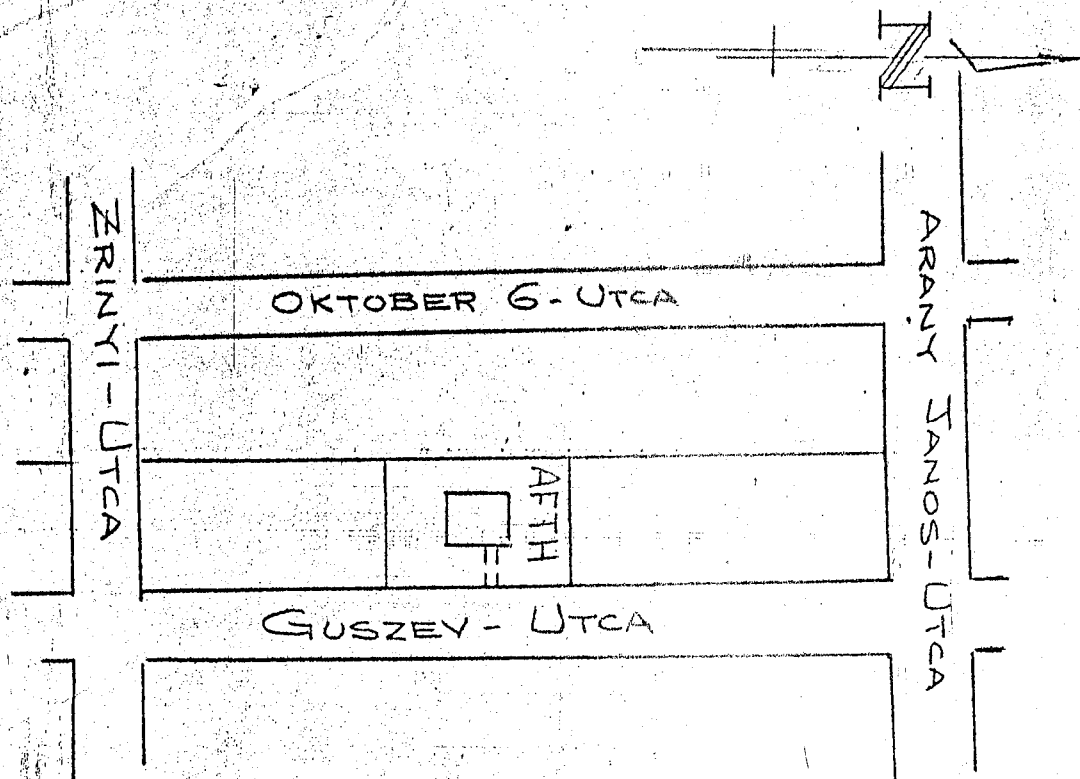


Figure 1010 Layout Sketch (U)

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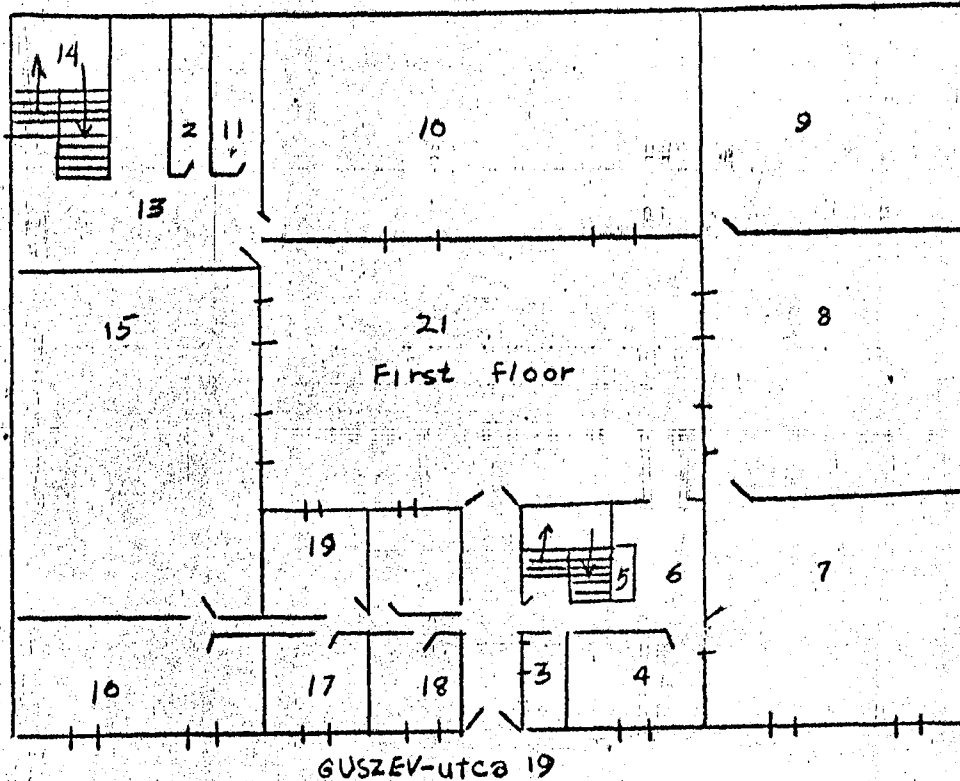
(Classification and Control Markings)

ORIGINATOR: XI BN, 315th
INTC Gp

(Leave Blank)

(U) National Survey & Geodesy and Cartography Bureau, BUDAPEST, Hungary

(U) Location Sketch



LEGEND:

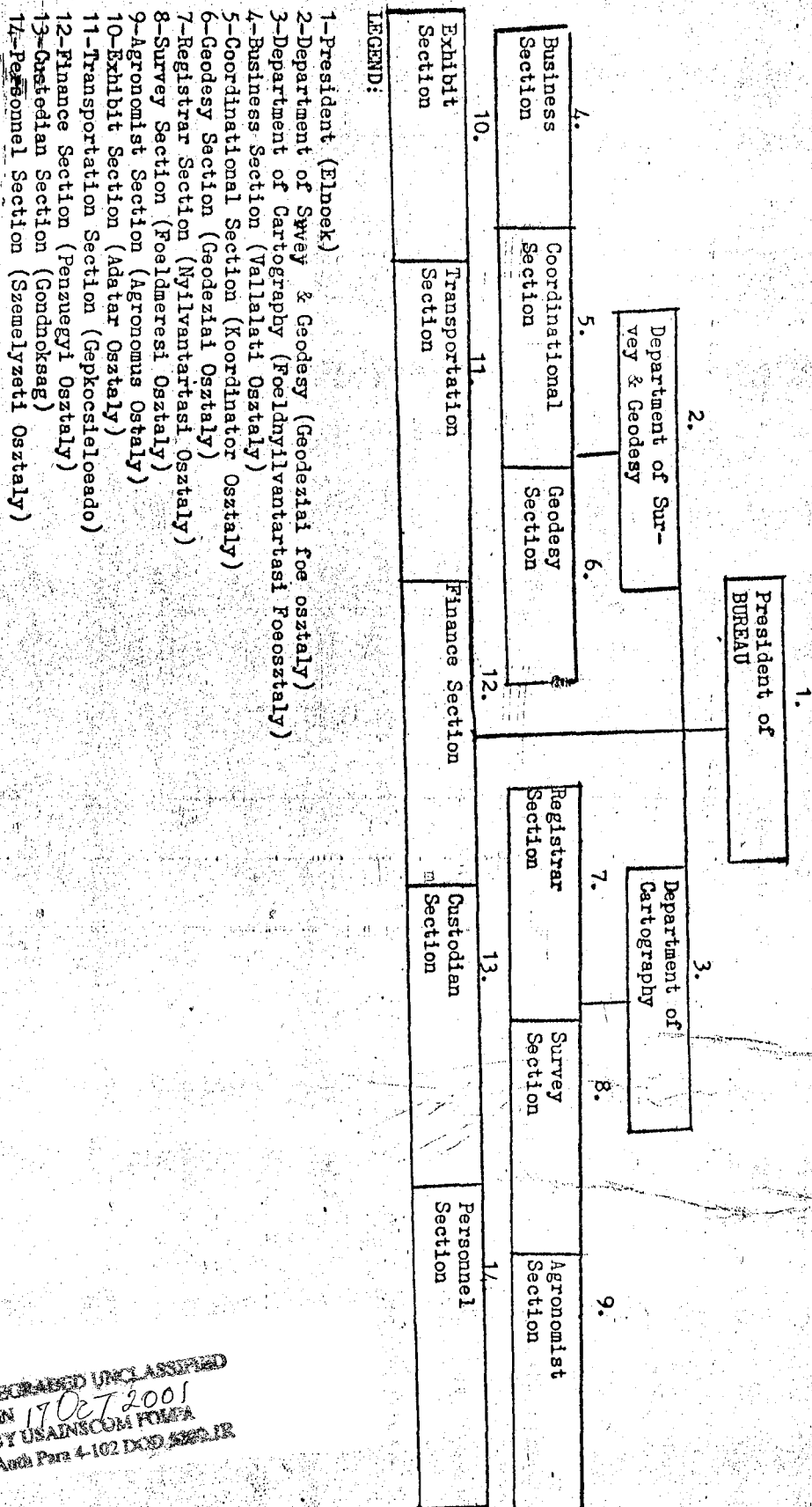
- | | |
|---------------------------------|-----------------------------|
| 1-Main Entrance | 13-Hallway |
| 2-Stairwell | 14-Stairwell |
| 3-Receptions Clerks Office | 15-Apartment Room |
| 4-Apartment for Reception Clerk | 16-Storage room |
| 5-Lift | 17-Waiting Room for Drivers |
| 6-Hallway | 18-Waiting Room for Drivers |
| 7-Apartment Room | 19-20-WC |
| 8-Apartment Room | 21-Yeard |
| 9-Apartment Room | |
| 10-Apartment Room | |
| 11-12-WC | |

Figure 2(149) Layout Sketch (

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Fig 3 (U) Organizational chart of the NATIONAL SURVEY and GEODESY and CARTOGRAPHIC BUREAU of Hungary (U)



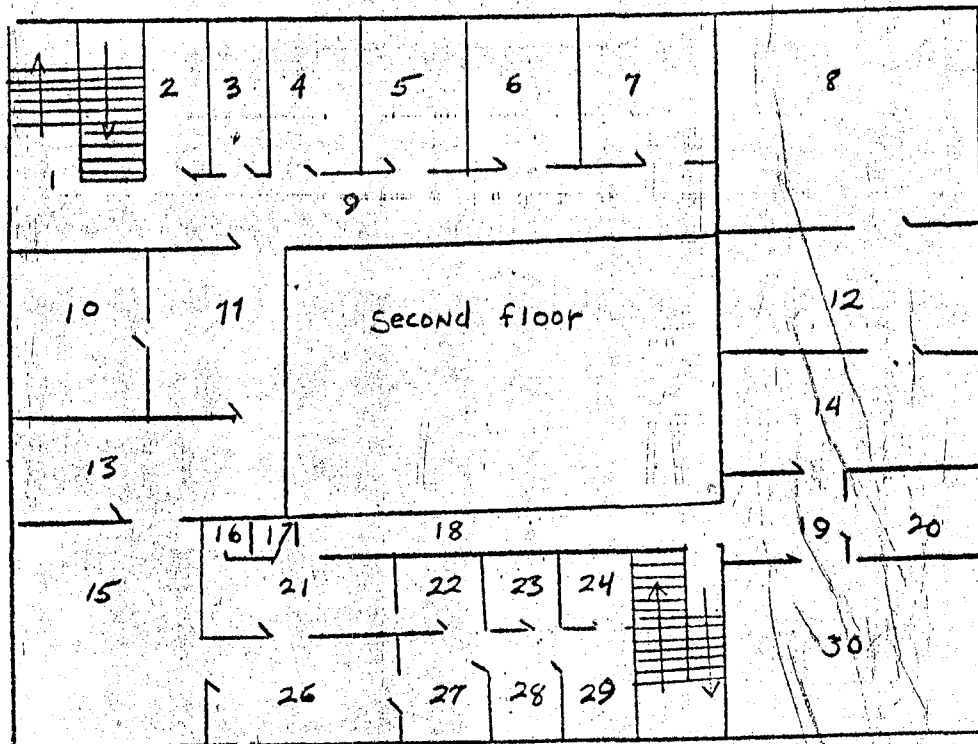
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Figure 3 (U) Organizational Chart (U)

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(U) S National Survey & Geodesy and Cartography Bureau, BUDAPEST, Hungary

(U) Location Sketch



LEGEND:

- | | |
|-------------------------------|-----------------------------------|
| 1-Stairwell | 16-17-WC |
| 2-3-WC | 18-Hallway |
| 4-5-6-7-Unknown by source | 19-Waiting Room |
| 8-Exhibit Section | 20-Geodesy Office |
| 9-Hallway | 21-22-23-24-Unknown to Source |
| 10-11-12-13-Personnel Section | 25-Stairwell |
| 15-Political coordinator | 26-27-28-29-Unknown to Source |
| 12-14-Personnel Office | 30-Survey & Geodesy Chiefs Office |

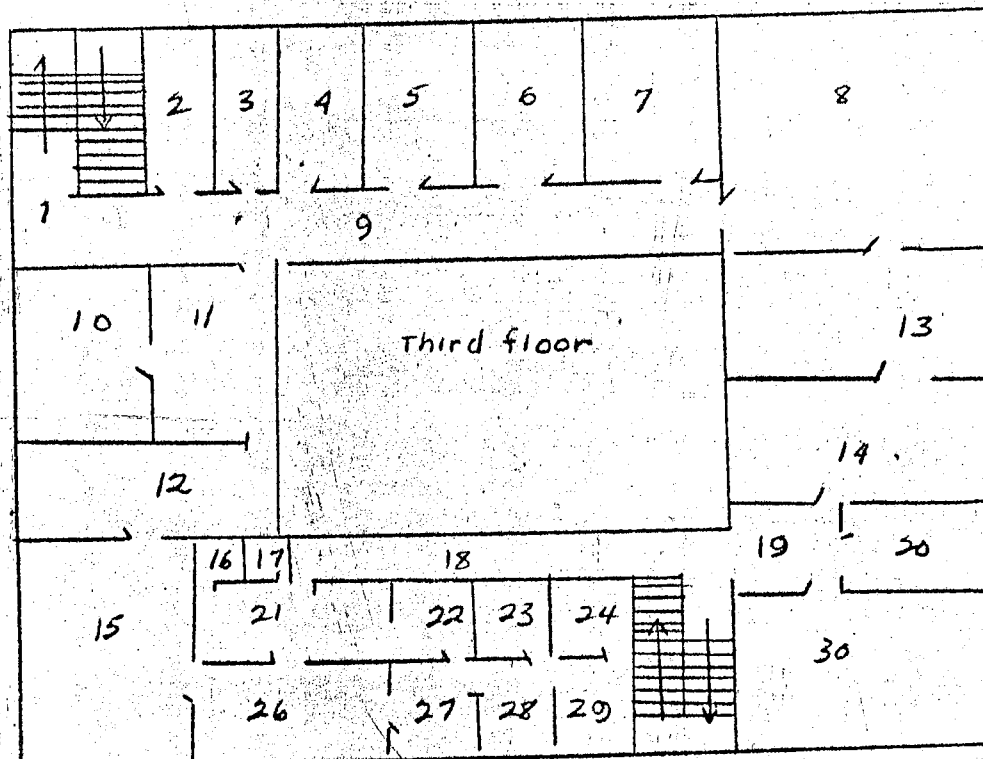
Figure rr4a(114) Layout Sketch (U)

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(U) National Survey & Geodesy and Cartography Bureau, BUDAPEST, Hungary

(U) Location sketch



LEGEND:

1-Stairwell

2-3-WC

4-Finance Office

5-6-7-8-Finance Office's

9-Hallway

10-Survey Section

11-12-Survey Section

13-14-Administration Office's

15-Survey & Geodesy Department Chief

16-17-WC

18-Hallway

19-Waiting Room

20-AFTH President's Secretary

21-26-Survey Department's Office's

23-23-24-Agronomist's Office's

25-Stairwell

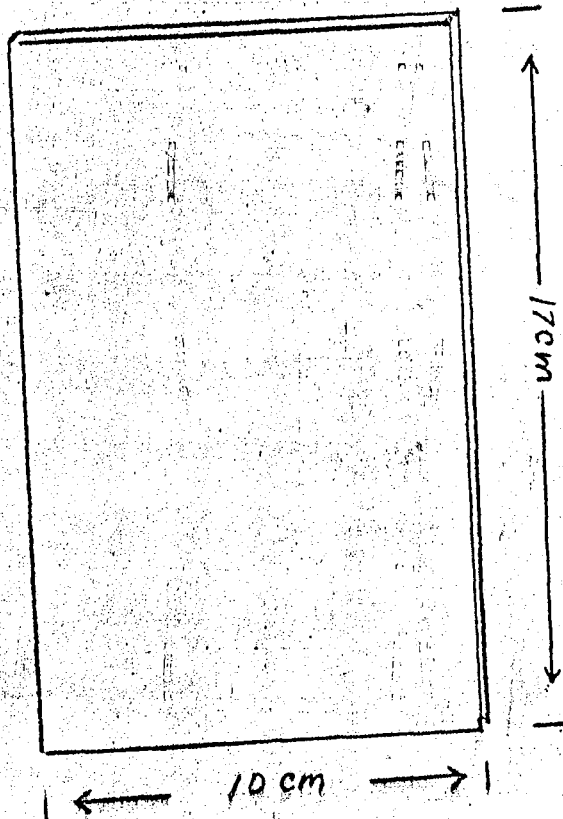
27-28-29-Geodesy & Coordination

30-AFTH Presidents Office

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Auth Para 4-102 DOD 3304.1R

Figure 4b.460 Layout Sketch (U)

~~CONFIDENTIAL~~
~~CONFIDENTIAL~~

~~(U)~~ Workers Identification Book (Munkaadol Igazolvány)

LEGEND:

Workers Identification Book (Munkaadol Igazolvány): The size of the book is 10 x 17 cm and it is blue. Identification book is not always blue. Color has no bearing of the Identification Book. Book has two hard cover sheets and one page glued in the middle. The cover sheet is blank on the outside. On the first side of the cover sheet is personal data with picture. Middle page and inside of back cover are divided in four fields (see Fig 2.) Identification Book has to be verified every three months by the Personnel Officer or Employer. Back cover is blank.

Figure ~~544(0)~~ Sketch ID Booklet (U)

RECLASSIFIED UNCLASSIFIED
ON 7 OCT 2001
BY USAINSCOM POLPA
Auth Para 4-102 DOD 5200.13









CONFIDENTIAL

(Classification and Control Markings)

(Leave B

~~(One)~~ Worker Identification Book (Munkaadoi Igalzolwany)

<div>Picture of Bearer</div> <div>Name: DOB: POB: Address:</div> <div>Signature of Bearer</div>	<div>I Year</div> <div>seal</div> <div>signature</div>	<div>II Year</div> <div>SEAL</div> <div>Signature</div>
	<div>III Year</div> <div>seal</div> <div>Signature</div>	<div>IV Year</div> <div>seal</div> <div>Signature</div>

I Year  Signature	II Year  Signature	I Year  Signature	VII Year  Signature
III Year  Signature	IV Year  Signature	III Year  Signature	IV Year  Signature

DECLASSIFIED UNCLASSIFIED
ON 17 Oct 2001
BY 60320 COM FORNA
AUTH 60320 4-NO EXD 2001-12

Figure 6. ~~U 1a~~ Sketch of ID Booklet

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Page(s) 794-811

~~Secret~~

HEADQUARTERS
UNITED STATES ARMY, EUROPE
Office of the Deputy Chief of Staff, Intelligence
APO 403, US Forces

11 JUN 1963

AEAGB-C

SUBJECT: SICR D-ACQ 02599, Cartographic and Geodetic Data

TO: See Distribution

Attached is SICR D-ACQ 02599 for information and retention.

FOR THE DEPUTY CHIEF OF STAFF, INTELLIGENCE:

[REDACTED]

1 Incl
SICR
D-ACQ 02599

Colonel, GS
Chief, Collection Branch

DISTRIBUTION

- 2 - 513th INTC Gp
- 2 - Seventh Army
- 1 - AIU
- 1 - I&M Br, Engr Div

REGRADED TO UNCLASSIFIED
WHEN SEPARATED FROM
CLASSIFIED INCLOSURE.

DISTRIBUTION FOR SICR D-ACQ 02599
INFO:

- 2 - 513th INTC Gp
- 2 - 7th Army
- 1 - AIU
- 1 - I&M Br, Engr Div
- 1 - Internal (Req&Est)

[REDACTED]

IRB REG.No.
24-3-2405

812

513 Reg. Nr. 5-3-1016

SUSC 552 (b) (7) (C)

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Page(s) 813-821

X 90068

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BY USAINCOM FOLTA
Auth Para 4-102 DOD 5200.12

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Page(s) 823-827

PRIORITY

X DA

CHIEF COLL & CE BR 513 IC GP FKFT GER

CO BERLIN STA 513 IC GP BLN GER

CONFIDENTIAL AEUMO-OPOR-_____ -61. WARNING NOTICE - SENSITIVE
SOURCES AND METHODS INVOLVED

1. (U) Reference your OPST-4236-61, 9 Aug 61.

2. ~~(U)~~ I wish to personally congratulate you and the individuals involved in the latest acquisition of KRASSOWSKIY map sheets. The latest acquisition of these highly desirable maps is truly indicative of a high degree of professional ability and devotion to duty. Your efforts in this regard continue to contribute materially to the accomplishment of our mission. "SCP 3"

M/R: Source 2287 furnished USI with 14 additional KRASSOWSKIY map sheets. [REDACTED]

DOWNGRADED AT 12 YEAR INTERVALS:
NOT AUTOMATICALLY DECLASSIFIED:
DOD DIR 5200.10

10

AUG

61

AEUMO-OPOR

[REDACTED] MAJ. AGC

8372

1

1

[REDACTED] LT COL, IC
CHIEF

5USC 552 (b) (7) (C)

~~CONFIDENTIAL~~

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ON 17 OCT 01
BY USAINSCOM FORPA
Auth Para 4-102 DOD SECIR

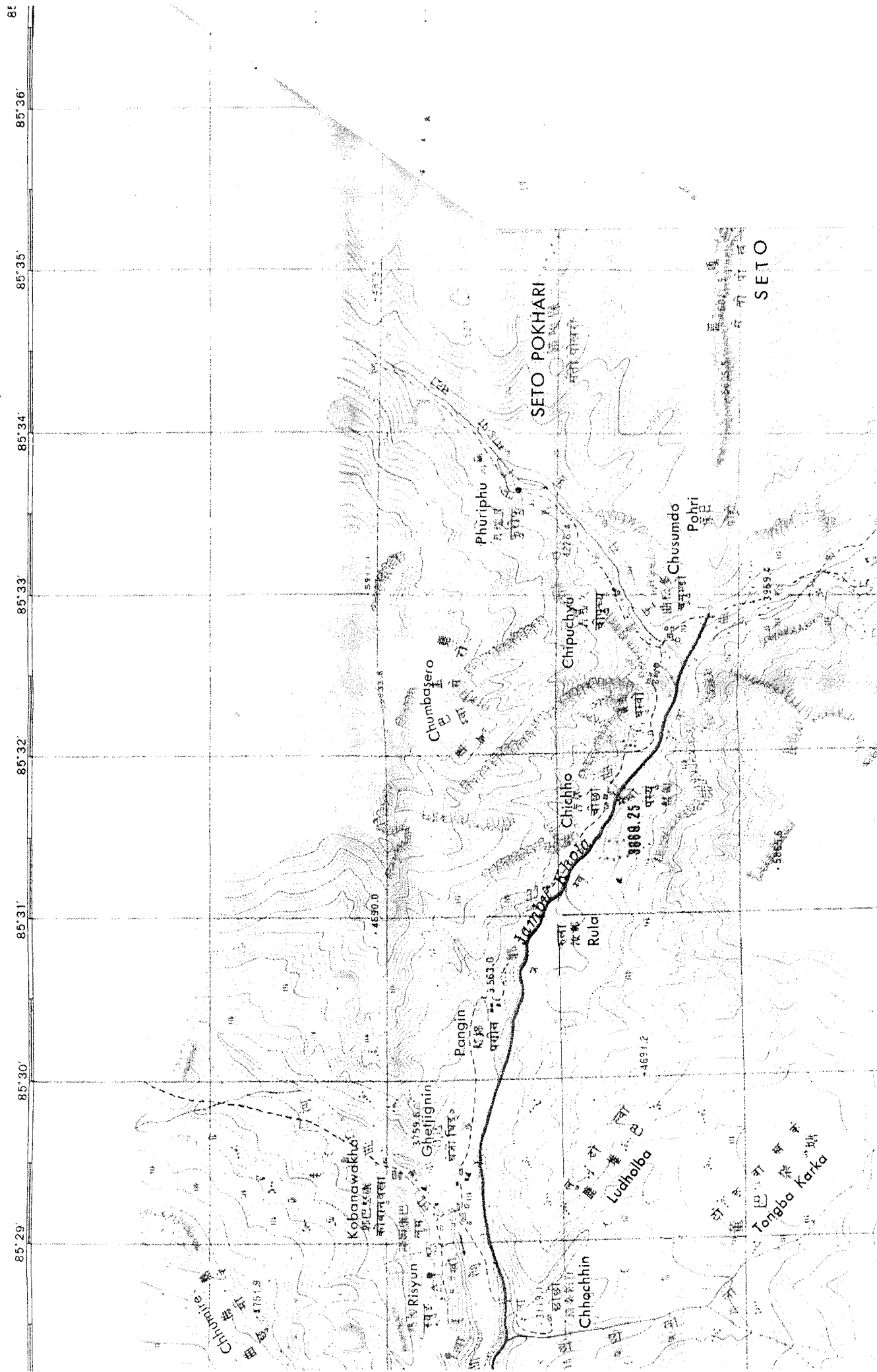
GROUP - 3
Downgraded at 12 year intervals
Not automatically declassified

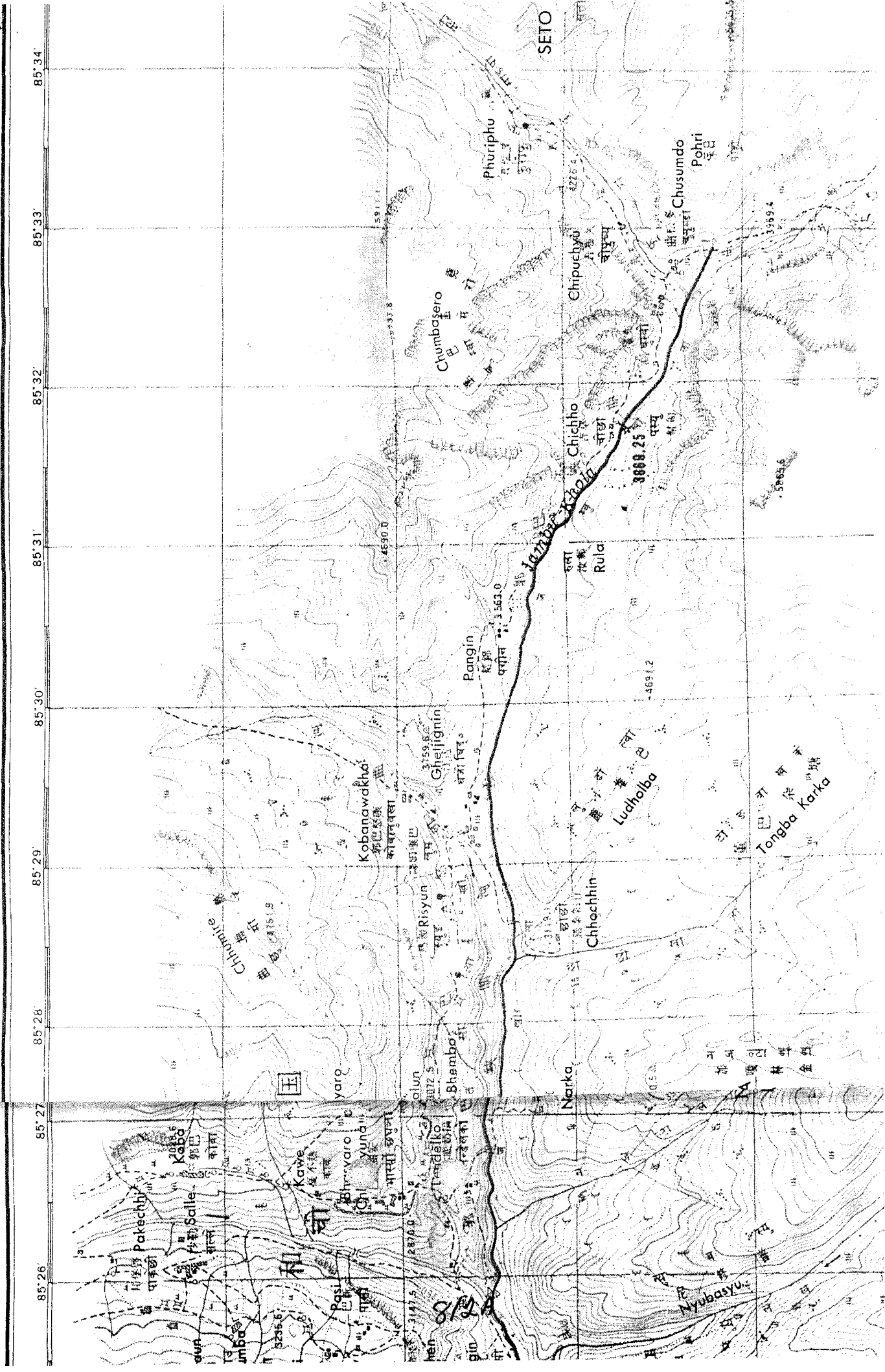
CD 52-1013

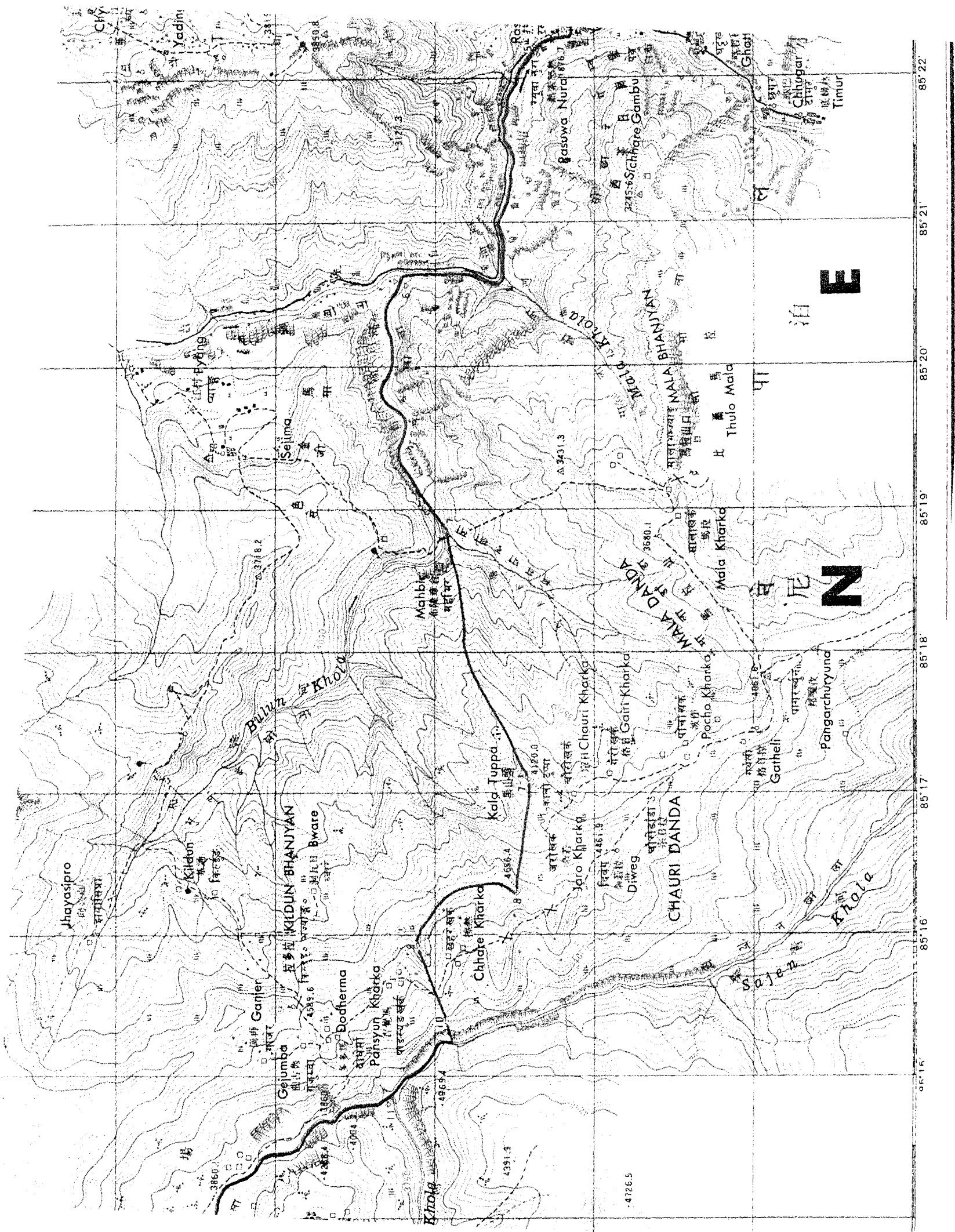
सम्मिलित नक्सा ५

附圖五

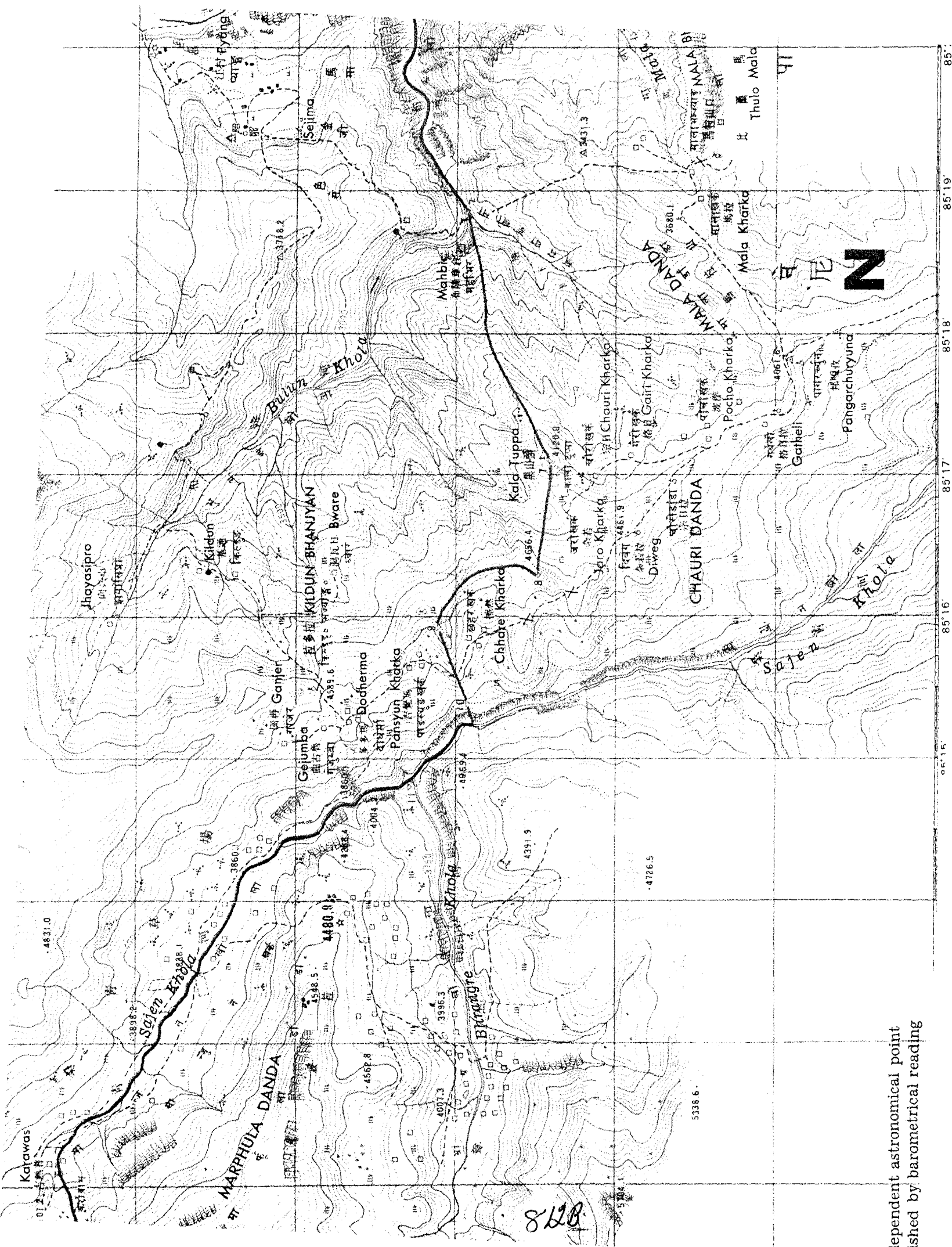
MAP ENCLOSURE







85°15' 85°16' 85°17' 85°18' 85°19' 85°20' 85°21' 85°22'



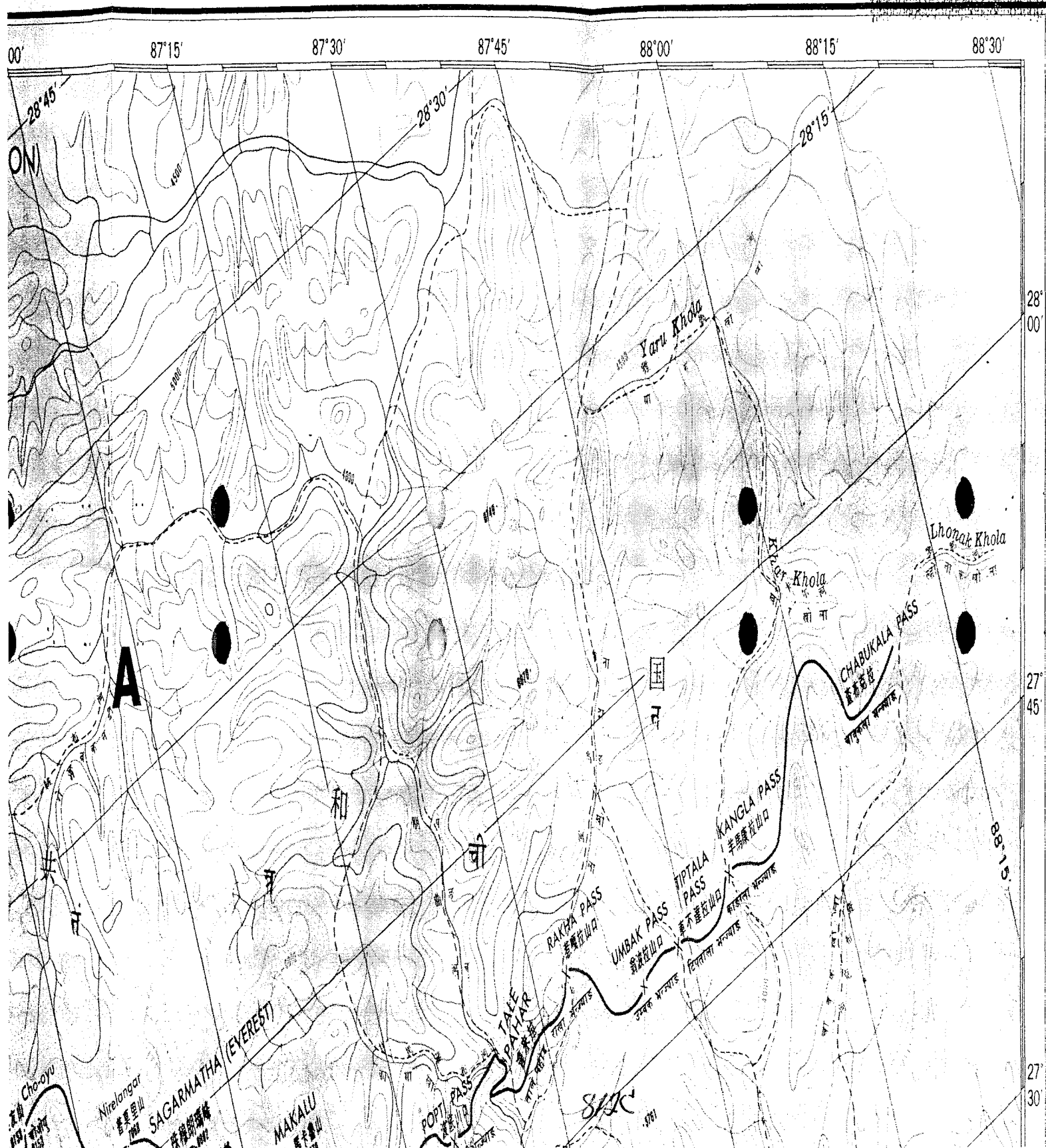
independent astronomical point
 established by barometrical reading

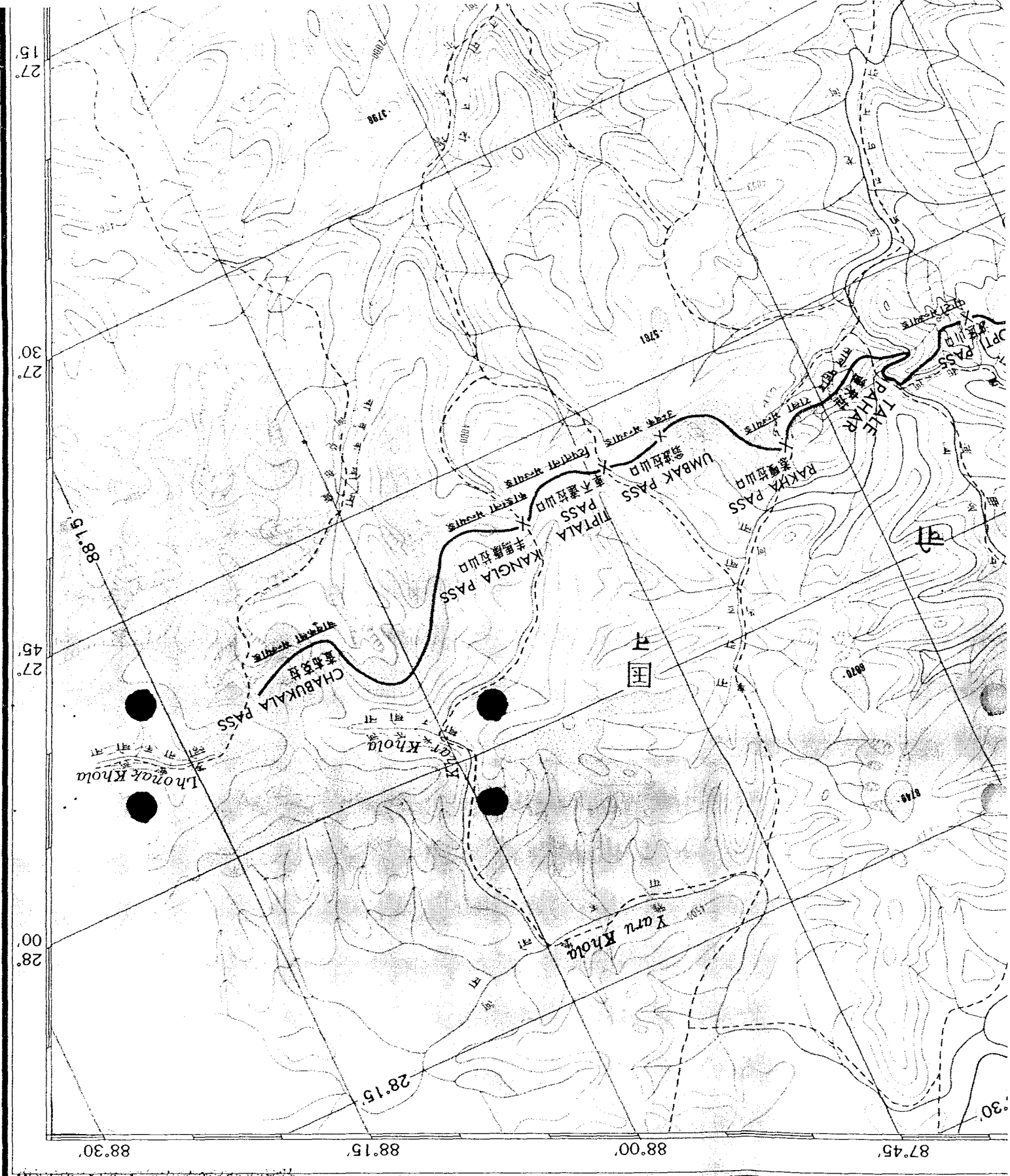
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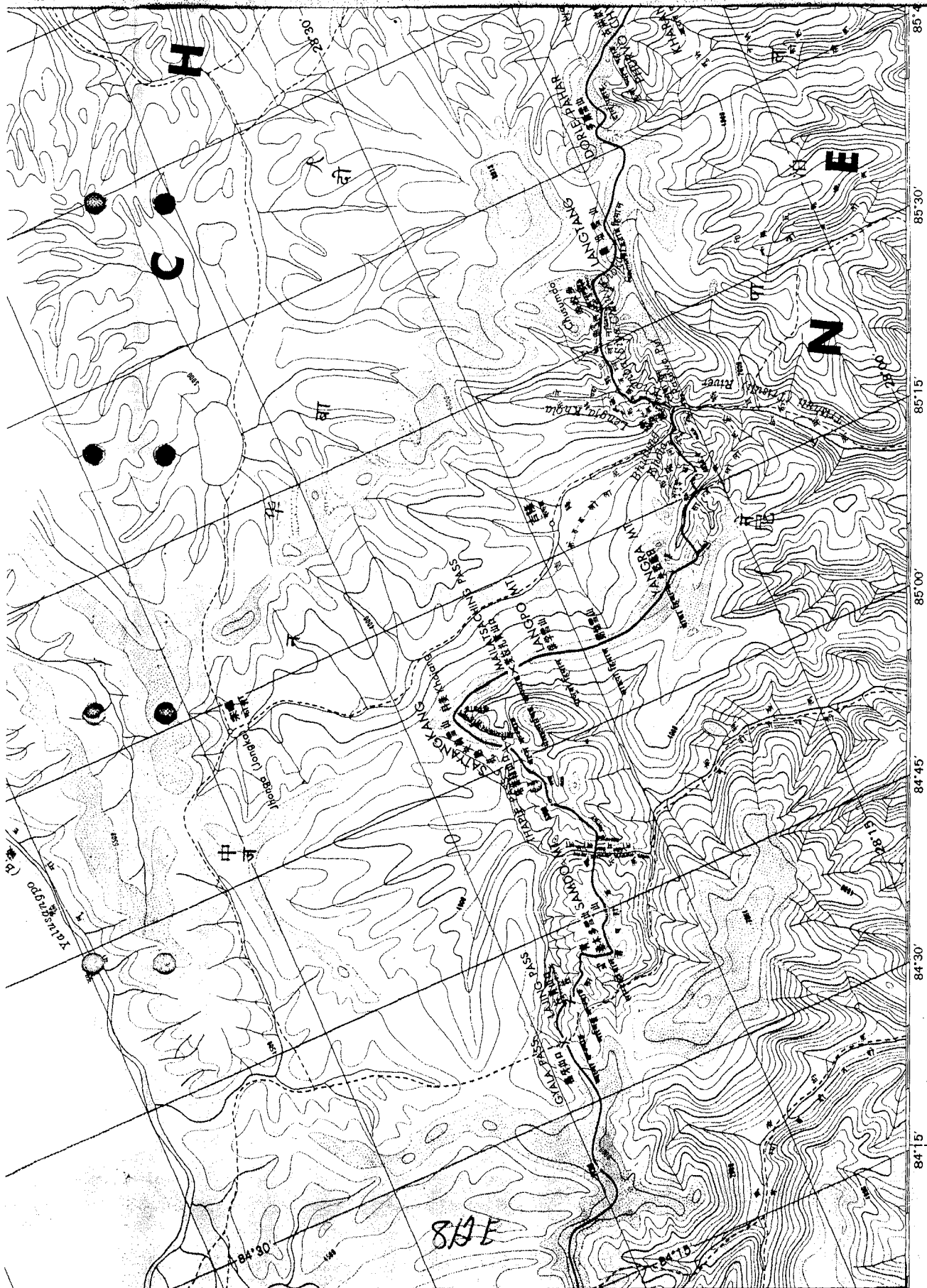
सम्मिलित नक्सा १ (ख)

附圖一乙

MAP ENCLOSURE B







Kilometers 公里

1EUAJ-CBPLT-1076-63

Operational Leads in the Cartographic/Geographic
Field (U)

CO, Region III
Tech Rsch Bn (P)
APO 230, US Forces

Hqs, Tech Rsch Bn (P)
513th INTC GP
APO 757, US Forces

28 Mar 63
WRW/bf/8362

WARNING NOTICE - SENSITIVE SOURCES AND METHODS INVOLVED

1(U)(C) This headquarters has a working relationship with [REDACTED] Cartographic Attaché with the US Embassy, BONN, Germany. [REDACTED] has in the past given this headquarters valuable information concerning leads, new developments and other information pertinent to the Cartographic/Geographic field. At present this information is being exploited and has proven useful on numerous occasions. At a recent meeting in BONN between [REDACTED] and a representative of this headquarters, [REDACTED] disclosed that the Geographic Attaché in the US Embassy in PARIS, [REDACTED] is an acquaintance of [REDACTED] and [REDACTED] would be willing to effect an introduction between [REDACTED] and a member of USI. (b)(7)(C)

2(U)(C) Nothing definite was decided, but the most logical method would be for [REDACTED] to telephone [REDACTED] in PARIS and advise him that an acquaintance of [REDACTED] would like to meet him [REDACTED] concerning developments in the Cartographic/Geographic field. The acquaintance would be a Region III C/O. (b)(7)(C)

3(U)(C) Region III is requested to make a man available to meet [REDACTED] after [REDACTED] has made necessary arrangements. This will be during the early summer of 1963. It may also be advisable for Region III to send someone to this headquarters to receive a briefing regarding cartographic collection. If time permits, the Case Officer could also be introduced to [REDACTED] at that time. (b)(7)(C)

FOR THE COMMANDER:

[REDACTED]
Lt Col, A1S
Chief, Operations Division (b)(7)(C)

REGRADED UNCLASSIFIED
ON 12 OCT 2001
BY USAINSCOM FC/PA
Auth Para 4-102 DOD 5300.10

8227
CONFIDENTIAL

DOWNGRADED AT 12 YEAR INTERVALS;
NOT AUTOMATICALLY DECLASSIFIED,
DOD 012 5200.10

~~CONFIDENTIAL~~

HEADQUARTERS
COLLECTION AND COUNTER ESPIONAGE BRANCH
513TH MILITARY INTELLIGENCE GROUP
APO 757 US FORCES

AEUMD-OPOR

23 March 1961

MEMORANDUM FOR: Lt Col Sheldon

SUBJECT: Collection of KRASSOWSKIY Map (C)

1. (C) Berlin Station has notified this headquarters that twenty-one additional KRASSOWSKIY Map Sheets (1:25,000) were acquired on 22 March 1961. Nineteen of the map sheets are new and had not been acquired previously. This makes a total of forty-four KRASSOWSKIY Map Sheets furnished by Source 2287.

2. (C) In addition, the latest publication explaining the signs and symbols used in the compilation of the 1:25,000, 1:50,000 and 1:100,000 topographic maps was acquired. The information was published by the Ministry of Interior with authorization from the Ministry of National Defense. (UEAREUR had requested this headquarters to make a special effort to obtain this information)

[REDACTED]
Lt Col, IC
Chief

USC 552 (b) (7) (C)

GROUP 3
Downgraded at 12 year intervals
Not automatically declassified

DECLASSIFIED UNLESS INDICATED
ON 17 OCT 01
BY 1040001 POF/OL
DATE 101 DOD 5/20/02

~~CONFIDENTIAL~~

SUSC 552 (b) (7) (C)

MEMO ROUTING SLIP		NEVER USE FOR APPROVALS, CONCURRENCES, OR SIMILAR ACTIONS	
1 NAME OR TITLE	Col	INITIALS	CIRCULATE
ORGANIZATION AND LOCATION	Box 17, APO 757, US Forces	DATE	COORDINATION
2			FILE
			INFORMATION
3			NECESSARY ACTION
			NOTE AND RETURN
4	SUBJ: Transmittal of Geographic Attache Report (U)		SEE ME
			SIGNATURE
REMARKS			
<p>1. (U) Attached report forwarded in accordance with request of [redacted] Geographic Attache.</p> <p>2. (U) Regraded UNCLASSIFIED when separated from SECRET inclosure.</p> <p>[redacted] will attempt to obtain copies of the latest acquisition for possible field use.</p>			
ajn/dap		Page <u>1</u> of <u>1</u> Pages	
Bv-62-7736		Copy <u>1</u> of <u>2</u> Copies	
[redacted] Lt Col		DATE 10 Dec 62	
ORGANIZATION AND LOCATION		TELEPHONE	
Intel. div. USAREUR Repr [redacted]		3236	

SUSC 552 (b) (7) (C)

DD FORM 1 FEB 50 95

Replaces DA AGO Form 895 Form 12, 10 Nov 47, which

AGI (1) 5-61-8M-82346

Bv-62-773

683-5-62

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